HIGH-DENSITY HD

FIXED TRAY FX

Pretium EDGE® Solutions

Corning Cable Systems is
EXPANDING
OPPORTUNITIES

When opportunities emerge, Corning Cable Systems wants you to have a solution. We are expanding our Pretium EDGE® Solutions offering you new products for your data center needs. More density, more rack applications and more mounting options are all made possible with the new Pretium EDGE Solutions. When your data center has a demand, Corning Cable Systems has the answer. **Pretium EDGE Solutions: Expanding Opportunities**

03

02

01

CORNING

Preterminated Solutions

Fiber Solutions

LANscape Pretium EDGE Solutions

CORNING CABLE SYSTEMS

Pretium EDGE Solutions are high-density preterminated optical cabling solutions that simplify installation and improve performance in the data center environment. They provide increased system density when compared to traditional preterminated systems and offer the highest port density in the market. Consisting of optical trunks and extender trunks, modules, panels, harnesses, housings and jumpers, these factory-terminated solutions provide improved system performance, ensure component compatibility and yield consistent quality. Pretium EDGE Solutions address the concerns of data center owners and operators helping them increase revenue, reduce expenses and minimize risk, all in an ultra-high-density footprint.

FEATURES

- 35 percent faster installation
- 25 percent faster MACs
- Up to 100 percent more density
- 30 percent less cable bulk
- Smaller cable trunks allow for 50 percent reduction in cable pathway space requirement
- 100G ready for future-proof requirements
- Universal polarity management enables fast and simple networking MACs without polarity concerns; provide a simple migration path between 2-fiber and parallel optic applications
- Factory-terminated solutions provide consistent quality. Corning ensures system's performance and reduced installation time
- Low insertion loss performance allows for more connections in a link when deploying an ANSI/TIA-942-compliant system
- Custom engineered harness assemblies allow seamless integration into the most common SAN directors
- Connector modules allow for fiber modularity while offering both front and rear loading capability
- Shuttered modules create one-hand operation while eliminating need to keep up with dust caps
- Modules are significantly smaller, enabled by ClearCurve optical fiber
- Revolutionary drawer-style hardware offers unprecedented finger access achieving the highest port density in the market
- Corning ClearCurve bend-insensitive fiber allows for routing high-density trunk cables through tighter bends for slack storage and routing all with no impact on system performance

To order, contact your local sales representative.

Pretium EDGE Solutions Trunk Cables

CORNING CABLE SYSTEMS

Pretium EDGE Solutions trunk cables utilize the MTP Connector, a 12-fiber push/pull optical connector and supports fiber counts from 12 to 144. The Pretium EDGE MTP Trunks provide the backbone of the preterminated solution. With nonpinned MTPs on both ends of the cable, these trunks are designed to interface with the Pretium EDGE or Plug & Play modules. All trunks are shipped with strain-relief clips that allow for the tool-less installation and are packaged on a plastic corrugated reel for easy installation. Pretium EDGE Solutions trunks have been tested and meet the skew criteria to ensure the system is 100G Ready and conform to ANSI/TIA-568 Type-B polarity. The trunk furcation features a boot for smooth transition out of rack/floor hardware. The grip flexibility allows for easy installation around the corners of tray and ladder racks. Its robust design allows the trunk to be pulled through conduit using up to 100 lb. of pulling tension while providing complete protection for the connectors.

Pretium EDGE Solutions trunk cables utilize a high-density cable solution, which results in up to 65 percent space savings minimizing cable tray weight and cooling air impediment. The trunk cables contain Corning ClearCurve optical fiber, which enables a bend radius of five times the cable outside diameter and allows for smaller slack storage coils or loops. The cables feature a 2.0 mm round furcation leg which provides easy routing and improved slack storage.

12-FIBER (OM3)
Includes MTP Connector to MTP Connector, pulling grip one side, 50/125 μm multimode and Corning ClearCurve fiber.

Anixter No.	Vendor No.	Description
398325	G757512TPNDDU020F	20 ft.
398326	G757512TPNDDU030F	30 ft.
398327	G757512TPNDDU040F	40 ft.
398328	G757512TPNDDU050F	50 ft.
398329	G757512TPNDDU060F	60 ft.
398330	G757512TPNDDU070F	70 ft.
398331	G757512TPNDDU080F	80 ft.
398332	G757512TPNDDU090F	90 ft.
398333	G757512TPNDDU100F	100 ft.
398334	G757512TPNDDU110F	110 ft.
398335	G757512TPNDDU120F	120 ft.
398336	G757512TPNDDU130F	130 ft.
398337	G757512TPNDDU140F	140 ft.
398338	G757512TPNDDU150F	150 ft.
398339	G757512TPNDDU160F	160 ft.
398340	G757512TPNDDU170F	170 ft.
398341	G757512TPNDDU180F	180 ft.
398342	G757512TPNDDU190F	190 ft.
398343	G757512TPNDDU200F	200 ft.

ANIXTER

Preterminated Solutions

12-FIBER (OM4)
Includes 50/125 μm multimode with Corning ClearCurve fiber.

Anixter No.	Vendor No.	Description
398389	G757512QPNDDU020F	20 ft.
398390	G757512QPNDDU030F	30 ft.
398391	G757512QPNDDU040F	40 ft.
398392	G757512QPNDDU050F	50 ft.
398393	G757512QPNDDU060F	60 ft.
398394	G757512QPNDDU070F	70 ft.
398395	G757512QPNDDU080F	80 ft.
398396	G757512QPNDDU090F	90 ft.
398397	G757512QPNDDU100F	100 ft.
398398	G757512QPNDDU110F	110 ft.
398399	G757512QPNDDU120F	120 ft.
398400	G757512QPNDDU130F	130 ft.
398401	G757512QPNDDU140F	140 ft.
398402	G757512QPNDDU150F	150 ft.
398403	G757512QPNDDU160F	160 ft.
398404	G757512QPNDDU170F	170 ft.
398405	G757512QPNDDU180F	180 ft.
398406	G757512QPNDDU190F	190 ft.
398407	G757512QPNDDU200F	200 ft.

12-FIBER (OS2)
Includes bend-improved single-mode fiber.

Anixter No.	Vendor No.	Description
398452	G909012GPNDDU020F	20 ft.
398453	G909012GPNDDU030F	30 ft.
398454	G909012GPNDDU040F	40 ft.
398455	G909012GPNDDU050F	50 ft.
398456	G909012GPNDDU060F	60 ft.
398457	G909012GPNDDU070F	70 ft.
398458	G909012GPNDDU080F	80 ft.
398459	G909012GPNDDU090F	90 ft.
398460	G909012GPNDDU100F	100 ft.
398461	G909012GPNDDU110F	110 ft.
398462	G909012GPNDDU120F	120 ft.
398463	G909012GPNDDU130F	130 ft.
398464	G909012GPNDDU140F	140 ft.
398465	G909012GPNDDU150F	150 ft.
398466	G909012GPNDDU160F	160 ft.
398467	G909012GPNDDU170F	170 ft.
398468	G909012GPNDDU180F	180 ft.
398469	G909012GPNDDU190F	190 ft.
398470	G909012GPNDDU200F	200 ft.

24-FIBER (OM3)
Includes MTP Connector to MTP Connector, pulling grip one side, 50/125 μm multimode and Corning ClearCurve fiber.

Anixter No.	Vendor No.	Description
398515	G757524TPNDDU020F	20 ft.
398516	G757524TPNDDU030F	30 ft.
398517	G757524TPNDDU040F	40 ft.

Anixter No.	Vendor No.	Description
398518	G757524TPNDDU050F	50 ft.
398519	G757524TPNDDU060F	60 ft.
398520	G757524TPNDDU070F	70 ft.
398521	G757524TPNDDU080F	80 ft.
398522	G757524TPNDDU090F	90 ft.
398523	G757524TPNDDU100F	100 ft.
398524	G757524TPNDDU110F	110 ft.
398525	G757524TPNDDU120F	120 ft.
398526	G757524TPNDDU130F	130 ft.
398527	G757524TPNDDU140F	140 ft.
398528	G757524TPNDDU150F	150 ft.
398529	G757524TPNDDU160F	160 ft.
398530	G757524TPNDDU170F	170 ft.
398531	G757524TPNDDU180F	180 ft.
398532	G757524TPNDDU190F	190 ft.
398533	G757524TPNDDU200F	200 ft.

24-FIBER (OM4)
Includes 50/125 μm multimode with Corning ClearCurve fiber.

Anixter No.	Vendor No.	Description
398579	G757524QPNDDU020F	20 ft.
398580	G757524QPNDDU030F	30 ft.
398581	G757524QPNDDU040F	40 ft.
398582	G757524QPNDDU050F	50 ft.
398583	G757524QPNDDU060F	60 ft.
398584	G757524QPNDDU070F	70 ft.
398585	G757524QPNDDU080F	80 ft.
398586	G757524QPNDDU090F	90 ft.
398587	G757524QPNDDU100F	100 ft.
398588	G757524QPNDDU110F	110 ft.
398589	G757524QPNDDU120F	120 ft.
398590	G757524QPNDDU130F	130 ft.
398591	G757524QPNDDU140F	140 ft.
398592	G757524QPNDDU150F	150 ft.
398593	G757524QPNDDU160F	160 ft.
398594	G757524QPNDDU170F	170 ft.
398595	G757524QPNDDU180F	180 ft.
398596	G757524QPNDDU190F	190 ft.
398597	G757524QPNDDU200F	200 ft.

24-FIBER (OS2)
Includes bend-improved single-mode fiber.

Anixter No.	Vendor No.	Description
398642	G909024GPNDDU020F	20 ft.
398643	G909024GPNDDU030F	30 ft.
398644	G909024GPNDDU040F	40 ft.
398645	G909024GPNDDU050F	50 ft.
398646	G909024GPNDDU060F	60 ft.
398647	G909024GPNDDU070F	70 ft.
398648	G909024GPNDDU080F	80 ft.
398649	G909024GPNDDU090F	90 ft.
398650	G909024GPNDDU100F	100 ft.

Fiber Solutions

Preterminated Solutions

(continued)   Pretium EDGE Solutions Trunk Cables

24-FIBER (OS2)

Anixter No.	Vendor No.	Description
398651	G909024GPNDDU110F	110 ft.
398652	G909024GPNDDU120F	120 ft.
398653	G909024GPNDDU130F	130 ft.
398654	G909024GPNDDU140F	140 ft.
398655	G909024GPNDDU150F	150 ft.
398656	G909024GPNDDU160F	160 ft.
398657	G909024GPNDDU170F	170 ft.
398658	G909024GPNDDU180F	180 ft.
398659	G909024GPNDDU190F	190 ft.
398660	G909024GPNDDU200F	200 ft.

Pretium EDGE Solutions Extender Trunks

CORNING CABLE SYSTEMS
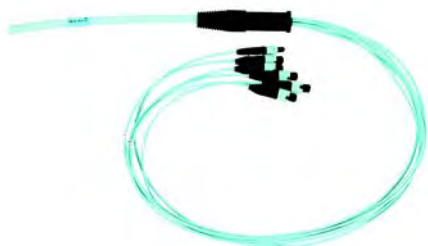
Pretium EDGE Solutions extender trunks are used to extend the Pretium EDGE Solutions trunk cables from a zone consolidation area. Application includes a high-fiber-count trunk deployed from a main distribution area (MDA) to a zone distribution area (ZDA). Smaller fiber-count extender trunks can then be utilized to distribute fiber into multiple cabinets within a row.

Extender trunks are manufactured with pinned MTP Connectors on one end of the cable trunk and non-pinned MTP Connectors on the other end. The pinned MTP Connectors mate with the non-pinned connectors of the Pretium EDGE Solutions trunk and the non-pinned MTP Connectors are plugged into the Pretium EDGE Solutions or harness.

To order, contact your local sales representative.

Pretium EDGE Solutions Modules

CORNING CABLE SYSTEMS

Pretium EDGE Solutions Modules are used to break out the 12-fiber MTP Connectors terminated on trunk cables into LC Connectors to facilitate patching into system equipment ports or patch panels. The 12-fiber module features LC port adapters across the front and an MTP Connector adapter in the back. A factory-terminated and -tested optical fiber assembly inside the module connects the front adapters to the back MTP Connector adapter.

Pretium EDGE Solutions Modules are housed at the front of the housing and may be installed or removed from either the front or rear allowing for faster installation and a pay-as-you grow approach to network installation. The LC duplex adapters feature hinged VFL-compatible shutters that move up and out of the way when the connector is inserted. Through the use of specially designed indents in the shutters, Corning ensures the end-faces of the connectors are never touched. These shutters replace the standard dust caps that typically once removed are never replaced, exposing the interior end-faces to dust particles and possible damage.

| Anixter No.	Vendor No.	Description
398318	ECM-UM12-05-93T	50 μm multimode (OM3)
398319	ECM-UM12-05-93Q	50 μm multimode (OM4)
398320	ECM-UM12-04-89G	Bend-improved single-mode (OS2)

Pretium EDGE Solutions Harnesses

CORNING CABLE SYSTEMS

Pretium EDGE Solutions harnesses are used to break out the 12-fiber MTP Connectors terminated on trunk cables into LC Connectors. Utilizing 12-fiber MTP and LC uniboot connector technology, Pretium EDGE Solutions harnesses reduce cable congestion in front of the SAN director for easy moves, adds and changes (MACs). The harnesses feature a custom-engineered taper to match the port pitch in the electronics to provide seamless integration between the cabling infrastructure and electronics.
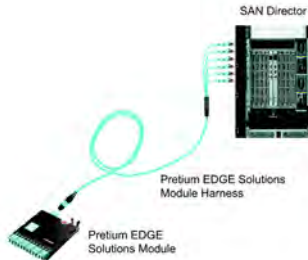
TRUNK HARNESS
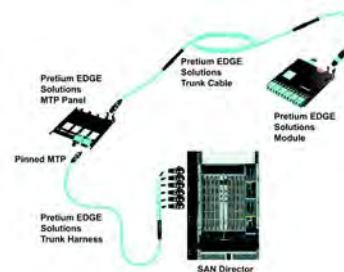
Designed to facilitate an interconnect point when the electronics are located in a separate area than the cross-connect or patching field. This is possible with duplex LC Connectors to interface with the electronics and a pinned MTP to connect into a trunk. This can be used in an Equipment Distribution Area (EDA).

MODULE HARNESS

Designed to create a cross-connect point near the electronics by enabling port replication. This is possible with duplex LC Connectors to interface with the electronics and a non-pinned MTP to connect into the back of a module. With port replication, installation will look the same even after multiple moves, adds and changes. This can be used in a Horizontal Distribution Area (HDA).

> To order, contact your local sales representative.

Pretium EDGE Solutions MTP Connector Panels

CORNING CABLE SYSTEMS

Corning Cable Systems Pretium EDGE Solutions MTP Connector panels provide a simple interface to mate MTP Connectors. This occurs when connecting MTP Trunks to MTP Extender Trunks, MTP Trunks to Trunk Harnesses and in 40G multimode networks when MTP Trunks are connected to 40G Jumpers. The panels are used to provide a convenient interconnect point between the trunk cables and harness. The panels are available with two or four MTP adapters, providing an interconnect for 24 or 48 fibers, respectively.

24-FIBER
Used for Pretium 300 or 550 solutions.

Anixter No.	Vendor No.	Description
398321	EDGE-CP24-E3	For 50 μm multimode (OM4/OM3) solutions, aqua adapters
398322	EDGE-CP24-90	For bend-improved single-mode (OS2) solutions, black adapters

48-FIBER
Used for Pretium 300 or 550 solutions.

Anixter No.	Vendor No.	Description
412439	EDGE-CP48-E3	For 50 μm multimode (OM4/OM3) solutions, aqua adapters
419296	EDGE-CP48-90	For 50 μm multimode (OM4/OM3) solutions, black adapters

Pretium EDGE Solutions Housings, High Density (HD)

CORNING CABLE SYSTEMS

Pretium EDGE HD housings offer industry-leading connector density with unprecedented finger access, there is no need for additional tools enabling faster moves, adds and changes. The housings are highly configurable to meet the dynamic connectivity environments of both the main distribution area (MDA) and equipment distribution area (EDA) locations in the data center. Pretium EDGE Solutions housings mount in 19 in. racks or cabinets (bracket sold separately for 23 in. rack). Combined with Pretium EDGE Solutions trunks, modules and jumpers. They provide industry-leading high-density connectivity, with a single-fiber port-density of 576 fibers within a single 4U housing, 288 fibers in a 2U housing and 96 or 144 fibers in a 1U housing.

Anixter No.	Vendor No.	Description
454926	EDGE-01U-SP	1U, 12 module capacity
398739	EDGE-01U	1U, eight module capacity
434723	EDGE-02U	2U, 24 module capacity
398740	EDGE-04U	4U, 48 module capacity

Pretium EDGE Solutions Housings, Fixed Tray (FX)

CORNING CABLE SYSTEMS

Anixter No.	Vendor No.	Description
477151	FZB-01U-EMOD	Mounting Bracket, accommodates up to eight Pretium EDGE Solutions modules and/or panels within a 1RU space
476553	EDGE-02U-FP	Fixed, 2RU, holds 16 Pretium EDGE Solutions Modules or Panels
423421	EDGE-FZB-04U	Fixed, Fiber Zone Box, 4RU, holds 32 Pretium EDGE Solutions Modules or Panels

Preterminated Solutions

(continued) Pretium EDGE Solutions Housings, Fixed Tray (FX)

SOLUTIONS HOUSING MOUNTING BRACKET

Anixter No.	Vendor No.	Description
429382	EDGE-BKT-WT-2RU	For wire tray 2RU
428428	EDGE-BKT-WT-4RU	For wire tray 4RU
446978	EDGE-BKT-LR-2RU	For ladder rack 2RU
446979	EDGE-BKT-LR-4RU	For ladder rack 4RU

BRACKETS
Used for mounting Pretium EDGE housings into 23 in. racks.

Anixter No.	Vendor No.	Description
330229	PC1-BKT-23	For 1U housings
383024	PC2-BKT-23	For 2U housings
345416	PC4-BKT-23	For 4U housings

ACCESSORIES

Anixter No.	Vendor No.	Description
446960	EDGE-STRN1-10	Replacement, keyhole, for size one (12-to-36-fiber MTP connector trunks), 10 pack
422560	EDGE-STRN2-10	Replacement, keyhole, for size two (48-to-144-fiber MTP connector trunks), 10 pack
422559	EDGE-DBLSTRN1-1	Double-Stack, for size one (12-to-36-fiber MTP connector trunks)
413458	EDGE-CLIP-1-10	Replacement, U-clip, for size one (12-to-36-fiber MTP connector trunks)
413460	EDGE-CLIP-2-10	Replacement, U-clip, for size two (48-to-144-fiber MTP Connector Trunks)
416481	2104466-01	MTP Connector- and port-cleaning tool
391036	CLEANER-PORT-LC	LC Connector- and port-cleaning tool

Pretium EDGE Solutions Reverse Polarity Uniboot Duplex Jumpers

CORNING CABLE SYSTEMS

Pretium EDGE Solutions LC jumpers are integrated uniboot duplex assemblies that meet the high-density space requirements of the MDA and EDA and provide a 50 percent reduction in bulk cabling when compared to traditional duplex jumpers. The highly flexible, 2-fiber interconnect cable reduces cable congestion, improves jumper management and routing and improves air circulation. Enabled by Corning ClearCurve multimode optical fiber, Pretium EDGE Solutions jumpers feature ultra-bendable performance and accommodate a minimum bend-radius of 10 mm with minimal bend-induced attenuation loss. With this bend performance, Pretium EDGE Solutions jumpers can greatly reduce outages and degradation in systems caused by severe bending problems.

The Pretium EDGE reverse polarity uniboot duplex jumpers allow for the quick and easy conversion from a ANSI/TIA-568 A-B polarity to a ANSI/TIA-568 A-A polarity without exposing the fibers or needing any tools. The reverse polarity uniboot's clamshell design avoids exposing fibers during the polarity flip and the removable trigger is available in an additional 10 different colors for link identification or fabric segmentation. They also provide color-coded visual reference for quick recognition of when a connector has been reversed. These jumpers are ANSI/TIA-604-10A FOCIS 10-compliant and are compatible with legacy FOCIS-compliant duplex LC Connectors, as well as LC transceiver interfaces.

FEATURES

- 100 percent optically tested
- Reverse polarity uniboot's clamshell design avoids exposing fibers during the polarity flip
- Color-coded visual reference for quick recognition of when a connector has been reversed
- Enhanced bend performance greatly reduces outages and degradation in systems caused by severe bending problems
- Removable trigger design allows for 10 different colored triggers that can be used for segmenting network fabrics
- ANSI/TIA-604-10A FOCIS 10-compliant and is compatible with legacy FOCIS-compliant duplex LC Connectors, as well as LC transceiver interfaces

EDGE JUMPER (OM3) LC-LC, RISER
With 50 μm multimode fiber.

Anixter No.	Vendor No.	Description
405581	797902TD120001M	1 m
405582	797902TD120003M	3 m
405583	797902TD120005M	5 m

EDGE JUMPER (OM4) LC-LC, RISER
With 50 μm multimode fiber.

Anixter No.	Vendor No.	Description
418558	797902QD120001M	1 m
423336	797902QD120003M	3 m
418559	797902QD120005M	5 m

EDGE JUMPER (OS2) LC-LC, RISE
With single-mode fiber.

Anixter No.	Vendor No.	Description
443662	787802GD120001M	1 m
415791	787802GD120003M	3 m
448096	787802GD120005M	5 m

Many different lengths are available as is a plenum flame rating, contact your local sales representative.

Plug & Play Universal Systems

CORNING CABLE SYSTEMS

Corning Cable Systems Plug & Play Universal Systems are preterminated optical fiber cabling systems designed to dramatically improve performance for the increasing demand for high speeds in data center LAN/SAN, enterprise building backbone and fiber-to-the-desk applications.

Factory-terminated solutions provide improved system performance. Corning ensures component compatibility and yields consistent quality. This value-added system significantly reduces installation time and cost by streamlining the process of deploying an optical networking infrastructure in the premises environment, particularly in data center applications.

High-density cable is used for all fiber counts, allowing tighter cable bends for slack storage and routing while maximizing space utilization in overhead or under-floor trays.

FEATURES

- Universally wired modular system components enable moves, adds and changes without polarity concerns; provide a simple migration path between 2-fiber and parallel optics applications
- Corning ClearCurve 50 μm optical fiber offers enhanced bend performance, allowing tighter cable routing without negatively impacting system performance
- Standard and low-loss components provide a means of meeting increasingly stringent network performance requirements
- Factory-terminated solutions, by Corning, provide consistent quality, ensure system performance and reduce installation time
- 100G ready performance. Corning ensures product will meet the requirements of 100G Ethernet applications
- Maximum skew of 0.75 ns. Corning assures product is to work in parallel optic applications for Ethernet, Fiber Channel and InfiniBand

> For ordering information, contact your local sales representative.

Plug & Play Universal Systems Trunks

CORNING CABLE SYSTEMS

The Plug & Play Universal Systems trunks are available in fiber counts of 12 to 144 fibers. Trunks are terminated with the MTP Connector for high-density applications to provide space savings and rapid deployment with minimal error. The 12-fiber push-pull optical connector has a footprint similar to the SC simplex connector and provides a space savings of up to 45 percent and three times the fiber-tray capacity over traditional bulkier cabling solutions when used in conjunction with high-density cables. This serves to minimize weight in the cable tray and reduce impediments to airflow for cooling. Plug & Play Universal Systems pulling grip and furcation make deployment and installation quick and easy. The pulling grip provides unsurpassed connector protection and intuitive access to the preterminated assembly for rapid network deployment. The pulling grip can be pulled through a

variety of ducts including MaxCell innerducts. The 12-fiber trunk now has a maximum pulling force of 100 lb. while the 24- to 144-fiber trunks can now be pulled at 300 lb. The new round 2.0 mm furcation legs contain aramid yarn that provides additional strength and protection while eliminating the preferential bend of ribbon legs.

12-FIBER 50 MICRON (OM3)

Includes MTP (non-pinned) to MTP (non-pinned), 24 in. legs on both ends and pulling grip one side.

Anixter No.	Vendor No.	Description
499365	A757512TPNAAU020F	20 ft.
499366	A757512TPNAAU030F	30 ft.
499367	A757512TPNAAU040F	40 ft.
499369	A757512TPNAAU050F	50 ft.
499371	A757512TPNAAU070F	70 ft.
499372	A757512TPNAAU080F	80 ft.
499373	A757512TPNAAU090F	90 ft.
499374	A757512TPNAAU100F	100 ft.
499375	A757512TPNAAU110F	110 ft.
499376	A757512TPNAAU120F	120 ft.
499377	A757512TPNAAU130F	130 ft.
499378	A757512TPNAAU140F	140 ft.
499379	A757512TPNAAU150F	150 ft.
499380	A757512TPNAAU160F	160 ft.
499381	A757512TPNAAU170F	170 ft.
499382	A757512TPNAAU180F	180 ft.
499383	A757512TPNAAU190F	190 ft.
499384	A757512TPNAAU200F	200 ft.

24-FIBER 50 MICRON (OM3)

Includes MTP (non-pinned) to MTP (non-pinned), 24 in. legs on both ends and pulling grip one side.

Anixter No.	Vendor No.	Description
499385	A757524TPNAAU020F	20 ft.
499386	A757524TPNAAU030F	30 ft.
499387	A757524TPNAAU040F	40 ft.
394861	A757524TPNAAU050F	50 ft.
499389	A757524TPNAAU060F	60 ft.
499390	A757524TPNAAU070F	70 ft.
499391	A757524TPNAAU080F	80 ft.
499392	A757524TPNAAU090F	90 ft.
394866	A757524TPNAAU100F	100 ft.
499393	A757524TPNAAU110F	110 ft.
499394	A757524TPNAAU120F	120 ft.
499396	A757524TPNAAU130F	130 ft.
499397	A757524TPNAAU140F	140 ft.
394871	A757524TPNAAU150F	150 ft.
499399	A757524TPNAAU160F	160 ft.
499400	A757524TPNAAU170F	170 ft.
499401	A757524TPNAAU180F	180 ft.
499402	A757524TPNAAU190F	190 ft.
499403	A757524TPNAAU200F	200 ft.

> Additional fiber types and counts available, contact your local sales representative.

Preterminated Solutions

Plug & Play Universal Systems Extender Trunks

CORNING CABLE SYSTEMS

The Plug & Play Universal Systems extender trunks are used to distribute portions, or all, of the fibers in a Plug & Play Universal Systems trunk to other areas in the infrastructure. For example, a high-fiber-count trunk can be deployed from a main distribution area (MDA) to a zone distribution area (ZDA). Lower-fiber-count extender trunks can then be utilized to distribute fiber from the ZDAs into cabinets. Extender trunks are manufactured with pinned MTP Connectors on one end of the cable trunk and non-pinned MTP Connectors on the other end. The pinned MTP Connectors on the extender trunk mate with the non-pinned connectors of the Plug & Play Universal Systems trunk. The non-pinned MTP Connectors on the extender trunk are plugged into the module or mated to a low-loss harness via an MTP Connector adapter panel. Polarity is maintained correctly, regardless of the number of extender trunks used.

> For ordering information, contact your local sales representative.

Plug & Play Universal Systems Modules

CORNING CABLE SYSTEMS

Corning Cable Systems Plug & Play Universal Systems modules are used to break out the 12-fiber MTP Connectors terminated on trunk cables into shuttered LC duplex connectors to facilitate patching into system equipment ports, patch panels or work area outlets. The module features shuttered LC duplex port adapters across the front and one or two MTP Connector adapters across the back. A factory-terminated and -tested optical fiber assembly inside the module connects the front adapters to the back MTP Connector adapter(s). The modules are designed to fit into Corning Cable Systems Pretium Solutions hardware and are available in 12- and 24-fiber configurations for shuttered LC duplex connectors. The shuttered LC duplex adapter features an integral shutter system that opens internal to the adapter and allows single-handed connector insertion/removal. While the primary purpose of the shutter is to provide dust protection without having to remove and store dust caps, the shutter mechanism is also visual fault locator (VFL) compatible. The modules feature a silk screen with port and fiber labeling to aid in system administration. The modules' reduced-depth footprint provides added room for routing cables into the back of hardware, while providing a solution for shallow, raised-floor boxes. This

provides adaptability for the changing data center environment. The use of Plug & Play Universal Systems modules in the data center offers the advantage of greater manageability and flexibility with a modular infrastructure. As future connectivity requirements change, modules can be easily exchanged to meet those needs, while leaving the existing trunk cable infrastructure in place.

LC LOW-LOSS
With shuttered LC to MTP.

Anixter No.	Vendor No.	Description
401476	CCH-UM12-05-93T	12 F, 50 μm multimode (OM3)
401477	CCH-UM24-05-93T	24 F, 50 μm multimode (OM3)
401478	CCH-UM12-05-93Q	12 F, 50 μm multimode (OM4)
401479	CCH-UM24-05-93Q	24 F, 50 μm multimode (OM4)
401472	CCH-UM12-04-89G	12 F, 8.3 μm single-mode (OS2)
401475	CCH-UM24-04-89G	24 F, 8.3 μm single-mode (OS2)

> For additional configurations, contact your local sales representative.

Plug & Play Universal Systems Harnesses

CORNING CABLE SYSTEMS
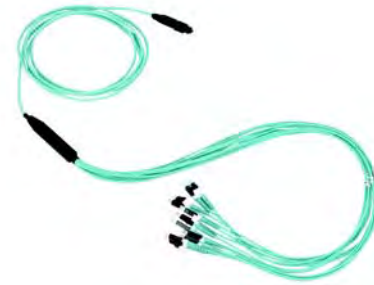
The Plug & Play Universal Systems harnesses are used to break out the 12-fiber MTP Connectors terminated on trunk cables into duplex-style connectors. With an MTP Connector on one end that connects to a Plug & Play Universal Systems trunk, the other end is equipped with simplex or duplex-style connectors designed to accommodate many ranges of leg-length requirements to ease fiber routing. The assembly uses a round plenum-rated interconnect cable with a small outside diameter which allows for easy routing without preferential bend concerns. The single-fiber connectors are terminated on 2.0 mm legs, available in a range of lengths, providing a rugged solution in applications where up-jacketed legs are needed for direct installation into system electronics. The use of harnesses provides a solution that occupies less space than traditional jumpers, as the cable end of the harness is much smaller than the size of equivalent jumpers. This reduced cabling bulk improves airflow for increased cooling and facilitates easier moves, adds and changes (MACs).

The Plug & Play Universal Systems Trunk harnesses have a pinned MTP Connector on one end that connects to a trunk; the other end is equipped with LC or SC Connectors that plug into the electronic ports. This is used when the cross-connect location (MDA) is located in a separate area from the SAN director (EDA).

The Plug & Play Universal Systems Module harnesses have a non-pinned MTP Connector on one end that connects to a module; the other end is equipped with LC or SC Connectors that plug into electronics ports. This is used when the cross-connect location (MDA) is co-located with the SAN director (EDA).

> For ordering information, contact your local sales representative.

Preterminated Solutions

Plug & Play Universal Systems Patch Cords

CORNING CABLE SYSTEMS

Corning Cable Systems offers the most complete line of connectors and factory-terminated cables, including low-loss jumpers to meet or exceed all industry standards for reflectance and insertion loss.

PATCH CORDS

Patch cords allow connection between end equipment and Plug & Play Universal Systems Modules. Usually duplex cords (transmit/receive); they are available in a wide variety of fiber types, lengths and connector types. Also include low-loss, LC Duplex to LC Duplex features.

Anixter No.	Vendor No.	Description
394980	E050502T5120002M	2-fiber, 2.0 mm zipcord riser, laser-optimized 50 μm/300 m (OM3), ultrabend LC/LC, 2 meter
394981	E050502T5120003M	2-fiber, 2.0 mm zipcord riser, laser-optimized 50 μm/300 m (OM3), ultrabend LC/LC, 3 meter
273793	050502K5120002M	2-fiber, 2.0 mm zipcord riser, 62.5 μm (OM1), LC/LC, 2 meter
257211	050502K5120003M	2-fiber, 2.0 mm zipcord riser, 62.5 μm (OM1), LC/LC ceramic, 3 meter

For additional configurations, contact your local sales representative.

Rack-mountable Housings

CORNING CABLE SYSTEMS

Corning Cable Systems Rack-mountable Housings provide a mounting point for Plug & Play Universal Systems Modules. Modules snap into place without the need for tools. The housing provides protection for the cables and patch cords connecting to the modules and provides strain relief for the Plug & Play Universal Systems Trunks.

Anixter No.	Vendor No.	Description
268733	PCH-01U	1U, accepts up to two CCH connector panels or modules, supplied with one Universal Cable Clamp, two blank panels and installation hardware
330206	PCH-02U	2U, accepts up to four CCH connector panels or modules, supplied with one Universal Cable Clamp, four blank panels and installation hardware
268734	PCH-04U	4U, accepts up to 12 CCH connector panels or modules, supplied with one Universal Cable Clamp, 12 blank panels and installation hardware

Fiber Solutions

Outdoor Cables

ALTOS All-dielectric Gel-free Cables with Fast Access Technology

CORNING CABLE SYSTEMS

Corning Cable Systems ALTOS Cables with Fast Access Technology are designed for outdoor and limited indoor use. The innovative Fast Access Technology combined with the all-dielectric gel-free loose-tube design simplifies removal of the cable jacket reducing cable end access time by up to 50 percent. Equally important is the overall reduction in risk of inadvertent fiber damage and risk to installers from sharp cable access tools.

FEATURES

- Gel-free design means that there is no gel in the buffer tubes; the buffer tubes are fully water-blocked, making cable access simple and requiring no cleanup
- Standard 2.5 mm buffer tube size reduces the number of access tools required
- SZ-stranded, loose-tube design isolates fibers from installation and environmental rigors and allows for easy midspan access
- Medium-density polyethylene jacket is rugged, durable and easy to strip
- Available with extended operating temperature
- All-dielectric cable construction requires no bonding or grounding
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

APPLICATIONS

Campus backbones in lashed aerial and duct installations

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

| | | No. of | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COROM1-LTDF-02	002KU4-T4730D20	2	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM1-LTDF-04	004KU4-T4730D20	4	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM1-LTDF-06	006KU4-T4730D20	6	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM1-LTDF-08	008KU4-T4730D20	8	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM1-LTDF-12	012KU4-T4730D20	12	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM1-LTDF-18	018KU4-T4730D20	18	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM1-LTDF-24	024KU4-T4730D20	24	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM1-LTDF-36	036KU4-T4730D20	36	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM1-LTDF-48	048KU4-T4730D20	48	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM1-LTDF-72	072KU4-T4730D20	72	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5

50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm).

| | | No. of | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COROM2-LTDF-06	006TU4-T4731D20	6	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM2-LTDF-12	012TU4-T4731D20	12	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM2-LTDF-24	024TU4-T4731D20	24	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5

Fiber Solutions

50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
372-COROM3-LTDF-06	006TU4-T4780D20	6	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM3-LTDF-12	012TU4-T4780D20	12	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM3-LTDF-24	024TU4-T4780D20	24	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5

50/125 MULTIMODE (OM4)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
372-COROM4-LTDF-06	006TU4-T4790D20	6	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM4-LTDF-12	012TU4-T4790D20	12	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM4-LTDF-24	024TU4-T4790D20	24	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM4-LTDF-48	048TU4-T4790D20	48	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.4/0.3 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
372-COROS2-LTDF-02	002EU4-T4701D20	2	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROS2-LTDF-04	004EU4-T4701D20	4	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROS2-LTDF-06	006EU4-T4701D20	6	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROS2-LTDF-12	012EU4-T4701D20	12	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROS2-LTDF-24	024EU4-T4701D20	24	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROS2-LTDF-36	036EU4-T4701D20	36	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROS2-LTDF-48	048EU4-T4701D20	48	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROS2-LTDF-72	072EU4-T4701D20	72	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROS2-LTDF-96	096EU4-T4701D20	96	0.48	12.1	600	2700	200	890	7.2	18.2	4.8	12.1
372-COROS2-LTDF-144	144EU4-T4701D20	144	0.62	15.8	600	2700	200	890	9.3	23.7	6.2	15.8

HYBRID: 62.5/125 MULTIMODE (OM1) AND 8.3/125 SINGLE-MODE (OS2)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
372-COROM1-HYBF-6/6	012XU4-CN375D20	6 MM/6 SM	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM1-HYBF-12/6	018XU4-CN376D20	12 MM/6 SM	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM1-HYBF12/12	024XU4-CN377D20	12 MM/12 SM	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM1-HYBF24/12	036XU4-CN378D20	24 MM/12 SM	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5
372-COROM1-HYBF24/24	048XU4-CN379D20	24 MM/24 SM	0.41	10.5	600	2700	200	890	6.2	15.8	4.1	10.5

Outdoor Cables

ALTOS Lite Gel-free Cables, Single-jacket/Single-armor

CORNING CABLE SYSTEMS

Corning Cable Systems ALTOS Lite Gel-free, Single-jacket/Single-armor cables are designed for direct-buried applications. The loose-tube design provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications. The design also provides high fiber density within a given cable diameter, while allowing flexibility to suit many system designs.

FEATURES

- Single-armor construction provides additional crush and rodent protection
- High-strength rip cord under armor for ease of stripping
- Gel-free design makes cable access simple and requiring no cleanup
- Available in 62.5 μm, 50 μm, single-mode and hybrid versions
- Standard 2.5 mm buffer tube size reduces the number of access tools required
- SZ-stranded, loose-tube design isolates fibers from installation and environmental rigors and allows for easy midspan access
- Medium-density polyethylene jacket is rugged, durable and easy to strip
- Available with Gigabit Ethernet performance

APPLICATIONS

Campus backbones in direct-buried installations
Also for aerial applications

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

| | | | | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COR62.5-LTA-06	006KUC-T4130D20	6	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1
372-COR62.5-LTA-12	012KUC-T4130D20	12	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1
372-COR62.5-LTA-24	024KUC-T4130D20	24	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1

50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm).

| | | | | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COROM2-LTA-06	006TUC-T4131D20	6	0.48	12.1	600	2700	200	890	7.1	18.2	8.8	20.3
372-COROM2-LTA-12	012TUC-T4131D20	12	0.48	12.1	600	2700	200	890	7.1	18.2	8.8	20.3

50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

| | | | | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COROM3-LTA-06	006TUC-T4180D20	6	0.48	12.1	600	2700	200	890	7.1	18.2	8.8	20.3
372-COROM3-LTA-12	012TUC-T4180D20	12	0.48	12.1	600	2700	200	890	7.1	18.2	8.8	20.3
372-COROM3-LTA-24	024TUC-T4180D20	24	0.48	12.1	600	2700	200	890	7.1	18.2	8.8	20.3
372-COROM3-LTA-48	048TUC-T4180D20	48	0.48	12.1	600	2700	200	890	7.1	18.2	8.8	20.3

50/125 MULTIMODE (OM4)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm).

| | | | | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COROM4-LTA-06	006TUC-T4190D20	6	0.48	12.1	600	2700	200	890	7.1	18.2	8.8	20.3
372-COROM4-LTA-12	012TUC-T4190D20	12	0.48	12.1	600	2700	200	890	7.1	18.2	8.8	20.3
372-COROM4-LTA-24	024TUC-T4190D20	24	0.48	12.1	600	2700	200	890	7.1	18.2	8.8	20.3
372-COROM4-LTA-48	024TUC-T4190D20	48	0.48	12.1	600	2700	200	890	7.1	18.2	8.8	20.3

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.4/0.3 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

| | | | | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
372-COR8.3-LTA-06	006EUC-T4101D20	6	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1
372-COR8.3-LTA-12	012EUC-T4101D20	12	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1
372-COR8.3-LTA-24	024EUC-T4101D20	24	0.48	12.1	600	2700	200	890	7.1	18.2	4.8	12.1

ALTOS Figure-8 Gel-Free Cables

CORNING CABLE SYSTEMS

Corning Cable Systems ALTOS Figure-8 Gel-Free Cables are self-supporting aerial cables that are designed for easy and economical one-step installation. The loose-tube design provides stable performance over a wide temperature range and is compatible with any telecommunications-grade optical fiber.

FEATURES

- Figure-8 cable design allows easy, one-step installation, using standard hardware and installation methods
- Can span in excess of 500 feet in NESC heavy-loading conditions; sag and tension information is available upon request
- Flexible, craft-friendly buffer tubes are easy to route in closures
- Standard buffer-tube size reduces the number of access tools required
- Dry cables, incorporating an innovative water-blocking design, eliminate the need for traditional flooding compound and provide efficient and craft-friendly cable preparation
- SZ-stranded, loose-tube design isolates fibers from installation and environmental rigors and facilitates midspan access
- Medium-density PE jacket is rugged, durable and easy to strip
- Available in a single-mode version

Technical Information & Standards

All Figure-8 cables listed are loose-tube designs. Water-blocked, can be buried

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

| | | | | | Max. Tensile Load | | | |
| | | | | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	(lb.)	N	(lb.)	N
372-COR625-LTFIG8-04	004KUA-T4130D20	4	0.41	10.5	6.2	15.8	4.1	10.5
372-COR625-LTFIG8-06	006KUA-T4130D20	6	0.41	10.5	6.2	15.8	4.1	10.5
372-COR625-LTFIG8-12	012KUA-T4130D20	12	0.41	10.5	6.2	15.8	4.1	10.5
372-COR625-LTFIG8-24	024KUA-T4130D20	24	0.41	10.5	6.2	15.8	4.1	10.5
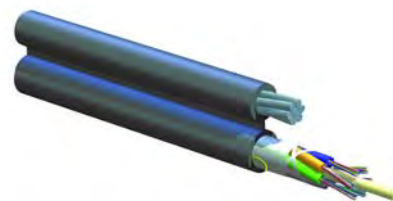
Fiber Solutions

Outdoor Cables

(continued)   ALTOS Figure-8 Gel-Free Cables

50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N
372-COROM3-LTFIG8-06	006TUA-T4180D20	6	0.41	10.5	6.2	15.8	4.1	10.5
372-COROM3-LTFIG8-12	012TUA-T4180D20	12	0.41	10.5	6.2	15.8	4.1	10.5
372-COROM3-LTFIG8-24	024TUA-T4180D20	24	0.41	10.5	6.2	15.8	4.1	10.5

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.4/0.3 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N
372-COR8.3-LTFIG8-06	006EUA-T4101D20	6	0.41	10.5	6.2	15.8	4.1	10.5
372-COR83-LTFIG8-12	012EUA-T4101D20	12	0.41	10.5	6.2	15.8	4.1	10.5
372-COR83-LTFIG8-24	024EUA-T4101D20	24	0.41	10.5	6.2	15.8	4.1	10.5

> For sag and tension information, contact your local sales representative.

Tech Tips

CORNING CABLE SYSTEMS

The ROL (reverse oscillation lay) tube-stranding technique permits easy access to individual fibers when splicing midspan. The stranding (wrapping) orientation of the buffer tubes reverses direction at set intervals. The tubes can be unwrapped from the central member when the binders are cut at the reversal points.

SOLO ADSS All-dielectric Self-supporting Optical Cables

CORNING CABLE SYSTEMS

Corning Cable Systems SOLO ADSS Optical Cables are all-dielectric, self-supporting aerial cables designed for easy and economical one-step installation.

FEATURES

- Innovative dry cable with water-blocking technology eliminates the need for traditional flooding compound, providing more efficient and craft-friendly cable preparation
- Available in 62.5 μm, 50 μm, single-mode and hybrid versions
- SZ-stranded, loose-tube design isolates fibers from installation, environmental rigors and allows for easy midspan access
- Available with a proprietary track-resistant polyethylene (TRPE) jacket for installations in up to 25 kV electric field potentials
- Spans in excess of 500 m (1,650 ft.) in NESC heavy-loading conditions
- Concentric, self-supporting cable design allows easy, one-step installation, providing installation cost savings
- All-dielectric cable construction requires no bonding or grounding
- Uses common support hardware and installation methods; cable installation and sag/tension guidelines are available
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

APPLICATIONS

Interbuilding backbones for self-supporting installations where metallic messengers cannot be used

> For more information, contact your local sales representative.
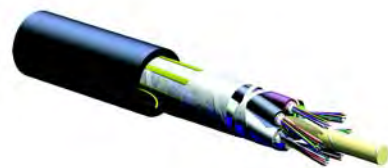
Tactical Fiber Optic Cable

CORNING CABLE SYSTEMS

Corning Cable Systems Tactical Fiber Optic Cable is for routing in all environments or conditions between buildings and modular telecommunications gear for secure, dependable communications, data or video. This flexible cable uses 900 μm TBII Buffered Fibers surrounded by dielectric strength members and is protected by a rugged polyurethane outer jacket that provides superior environmental and mechanical protection.

FEATURES

- Small diameter and bend radius allow for easy installation in space-constrained areas
- All-dielectric construction requires no grounding or bonding
- Polyurethane outer jacket provides environmental and mechanical protection
- Flexibility facilitates portability through deployment and retraction of the cable onto a reel

APPLICATIONS

Military mobile communications - temporary or permanent communications systems

Traffic and video control - optical feeds in rugged environments

Broadcast video - temporary or permanent setups at events

Industrial or other harsh environments - extreme conditions such as abrasive or chemical atmospheres and high-crush environments

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
372-COR8.3-TBTACT-12	012H8U-31131-24	12	0.31	8.0	450	2000	90	400	3.1	8.0	1.6	4.0

For additional configurations, contact your local sales representative.

LSZH Cables

ALTOS LSZH Gel-free Cables, OFN-LS-listed

CORNING CABLE SYSTEMS

Corning Cable Systems ALTOS LSZH cables are designed for indoor and outdoor use. The loose-tube cable construction, pioneered by Corning Cable Systems, places fibers in buffer tubes and provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications. The design also provides high fiber density within a given cable diameter while allowing flexibility to suit many system designs. The outer jacket uses a flame-retardant, nonhalogenated material with UV and chemical resistance and low flame spread.

FEATURES

- Gel-free design means that there is no gel in the buffer tubes. The buffer tubes are fully water-blocked, making cable access simple and requiring no cleanup
- Available in 62.5 μm, 50 μm, single-mode, and hybrid versions
- Standard 2.5 mm buffer tube size reduces the number of access tools required
- SZ-stranded, loose-tube design isolates fibers from installation and environmental rigors and allows for easy midspan access resistance and low flame spread
- All-dielectric construction
- Ideal for industrial and tunnel applications
- Available with interlocking armor
- IEEE-383-compliant
- Listed OFN-LS and CSA OFN FT4-ST1 up to 288 fibers
- Available with Gigabit Ethernet performance

APPLICATIONS

Interbuilding backbones in aerial and duct environments
Horizontal intrabuilding and tunnel backbones where low smoke zero halogen requirements exist

62.5/125 MULTIMODE (OM1)
Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COR62-LTLSZH-06	006KUZ-T4130D20	6	0.49	12.5	600	2700	180	810	7.4	18.8	4.9	12.5
373-COR62-LTLSZH-12	012KUZ-T4130D20	12	0.49	12.5	600	2700	180	810	7.4	18.8	4.9	12.5
373-COR62-LTLSZH-24	024KUZ-T4130D20	24	0.49	12.5	600	2700	180	810	7.4	18.8	4.9	12.5

Contact your local sales representative for available colored cable jacket options.

ALTOS Lite Gel-free Cables, Single-jacket/Single-armor

CORNING CABLE SYSTEMS

Corning Cable Systems LSZH Industrial Fiber Optic Cables are designed for industrial building backbones and harsh environments atypical of traditional datacom systems. Based on the proven stranded loose-tube cable designs, these industrial cables are flame retardant and have been tested to meet mechanical/environmental conditions exceeding the requirements set for traditional datacom cables. They have also demonstrated superior performance levels when tested to specified "tray" application requirements for compressive loading, cyclic impact and chemical resistance. The 250 μm color-coded individual fibers offer quick and easy identification during installation, with 50 μm, 62.5 μm and single-mode versions available. A ruggedized armored version is also offered for additional mechanical protection.

FEATURES

- Key life-safety benefit: low smoke zero halogen (LSZH) sheath
- Superior performance: meets cyclic-impact and chemical-resistance tests
- Proven design: based on stranded loose-tube cable
- Meets burn-test criteria: listed OFN-LS and CSA FT4-ST1

- Gel-filled: available in cold-temperature version
- Available with MSHA (Mine Safety and Health Administration) approval

Technical Information & Standards

National Electrical Code (NEC) OFN-LS, CSA OFN FT4-ST1
Sunlight-resistant (SUN RES)
IEEE-383 flame test, IEC 60332-3, IEC 60754-2, IEC 61034
Suitable for direct burial (DIR BUR)
ANSI/ICEA S-104-696; UL 13; UL 444; UL 1277; CSA C22 No. 230 and No. 232

APPLICATIONS

Outdoor aerial and duct; indoor general-purpose horizontal according to NEC Article 770

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

		No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
Anixter No.	Vendor No.											
373-COR62-LTTRAY-24	024KUZ-T4130D2N	24	0.49	12.5	600	2700	180	810	7.4	18.8	4.9	12.5
373-COR62-LTTRAY-48	048KUZ-T4130D2N	48	0.49	12.5	600	2700	180	810	7.4	18.8	4.9	12.5
373-COR62-LTTRAY-72	072KUZ-T4130D2N	72	0.49	12.5	600	2700	180	810	7.4	18.8	4.9	12.5
373-COR62-LTTRAY-96	096KUZ-T4130D2N	96	0.60	15.3	600	2700	180	810	9.0	23.0	6.0	15.3
373-COR62-LTTRAY-144	144KUZ-T4130D2N	144	0.74	18.9	600	2700	180	810	11.2	23.0	6.0	15.3

Contact your local sales representative for available colored cable jacket options.

Industrial Fiber Optic Cables LSZH Double-jacket Cable

CORNING CABLE SYSTEMS

Corning Cable Systems ALTOS LSZH cables are designed for indoor and outdoor use. The loose-tube cable construction, pioneered by Corning Cable Systems, places fibers in buffer tubes and provides stable and highly reliable transmission parameters for a variety of voice, data, video and imaging applications. The design also provides high fiber density within a given cable diameter while allowing flexibility to suit many system designs. The outer jacket uses a flame-retardant, nonhalogenated material with UV and chemical resistance and low flame spread.

FEATURES

- Gel-free design means that there is no gel in the buffer tubes. The buffer tubes are fully water-blocked, making cable access simple and requiring no cleanup
- Available in 62.5 μm, 50 μm, single-mode, and hybrid versions
- Standard 2.5 mm buffer tube size reduces the number of access tools required
- SZ-stranded, loose-tube design isolates fibers from installation and environmental rigors and allows for easy midspan access
- Specially formulated black, flame-retardant, nonhalogenated material with UV and chemical resistance and low flame spread
- All-dielectric construction
- Ideal for industrial and tunnel applications
- Available with interlocking armor
- IEEE-383-compliant, IEC 60332-3, IEC 60754-2
- Listed OFN-LS and CSA OFN FT4-ST1 up to 288 fibers
- Available with MSHA (Mine Safety and Health Administration) approval
- Available with Gigabit Ethernet performance
- Corning Cable Systems offers optional colored cable jackets. Contact your local sales office for details.

APPLICATIONS

Interbuilding backbones in aerial and duct environments
Horizontal intrabuilding and tunnel backbones where low smoke zero halogen requirements exist

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LSZH Cables

(continued)   Industrial Fiber Optic Cables LSZH Double-jacket Cable

Fiber Solutions

62.5/125 MULTIMODE (OM1)
Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COROM1-LTTRYD-12	012KUL-T4630D2N	12	0.69	17.6	1030	4500	340	1500	10.4	26.4	6.9	17.5
373-COROM1-LTTRYD-24	024KUL-T4630D2N	24	0.69	17.6	1030	4500	340	1500	10.4	26.4	6.9	17.6
373-COROM1-LTTRYD-36	036KUL-T4630D2N	36	0.69	17.6	1030	4500	340	1500	10.4	26.4	6.9	17.5

Industrial Fiber Optic Cables LSZH Corrugated Armored Cable, 12-288 Fibers

CORNING CABLE SYSTEMS

Corning Cable Systems LSZH Corrugated Armored Cable design is based on the proven stranded loose-tube cable designs. These tray-rated industrial cables are flame retardant and have been tested to meet mechanical/environmental conditions exceeding the requirements set for traditional datacom cables. When tested to specified "tray" application requirements, these cables have demonstrated superior performance levels for compressive loading, cyclic impact and chemical resistance. This ruggedized armored version offers additional mechanical protection and is also available in a gel-filled, cold-temperature version. The 250 μm color-coded individual fibers offer quick and easy identification during installation, with 50 μm, 62.5 μm and single-mode versions available. A key benefit of the Corning Cable Systems Industrial Cables is the low smoke zero halogen (LSZH) sheath.

FEATURES
- Corrugated armor provides mechanical protection
- Tray-rated per UL 13; UL 444; UL 1277; UL 1666; CSA C22.2 No. 230 and No. 232
- Listed OFCR-LS and CSA OFC FT4-ST1
- Tested to industrial-ruggedness standards
- IEEE-383-compliant, IEC 60332-3, IEC 60754-2, IEC 61034
- Meets burn-test criteria

APPLICATIONS
Designed for industrial-building backbones and harsh environments atypical of traditional datacom systems

To order or for available colored cable jacket options, contact your local sales representative.

Industrial Fiber Optic Cables LSZH Gel-free Interlocking Armored Cable 12-288 Fibers

CORNING CABLE SYSTEMS

When tested to specified "tray" application requirements, these cables have demonstrated superior performance levels for compressive loading, cyclic impact and chemical resistance. This gel-free interlocking armored version offers additional mechanical protection and is also available in a gel-filled, cold-temperature version. The 250 μm color-coded individual fibers offer quick and easy identification during installation, with 50 μm, 62.5 μm and single-mode versions available. A key benefit of the Corning Cable Systems Industrial Cables is the low smoke zero halogen (LSZH) sheath.

FEATURES
- Listed OFC-LS and CSA OFC FT4-ST1
- IEEE-383-compliant, IEC 60332-3, IEC 60754-2, IEC 61034
- Tested to industrial-ruggedness standards
- Meets burn-test criteria

APPLICATIONS
Designed for industrial-building backbones and harsh environments atypical of traditional datacom systems

To order or for available colored cable jacket options, contact your local sales representative.

FREEDM LST Gel-free Cables

CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM LST Gel-free Cables are OFNR-rated, UV-resistant, fully water-blocked indoor/outdoor cables. They consist of up to two 2.5 mm, dry, buffer tubes each containing two to 12 250 μm, color-coded optical fibers. The buffer tubes are surrounded by dielectric tensile elements.

FEATURES

- Gel-free design means that there is no gel in the buffer tubes. The buffer tubes are fully water-blocked
- Standard 2.5 mm buffer tube size reduces the number of access tools required
- Flame-retardant jacket is rugged, durable and easy to strip
- Compact design, all-dielectric cable construction requires no grounding or bonding
- Color-coded fibers and buffer tubes for quick and easy identification during installation
- No preferential bend axis for easier installation and better handling
- UV resistant and listed OFNR and FT4
- Compatible with buffer tube fan-out kit for rapid, simple termination
- Available with interlocking armor
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

APPLICATIONS

Interbuilding and intrabuilding backbones in aerial, duct and riser applications

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COR62.5-LTD-02	002KSF-T4130D20	2	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COR62.5-LTD-04	004KSF-T4130D20	4	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COR62.5-LTD-06	006KSF-T4130D20	6	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COR62.5-LTD-08	008KSF-T4130D20	8	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COR62.5-LTD-12	012KSF-T4130D20	12	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7

50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COROM2-LTD-06	006TSF-T4131D20	6	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COROM2-LTD-12	012TSF-T4131D20	12	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COROM2-LTD-24	024TSF-T4131D20	24	0.38	9.7	600	2700	180	810	5.7	14.6	3.8	9.7

50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COROM3-LTD-06	006TSF-T4180D20	12	0.29	7.4	300	1330	90	400	4.9	11.1	1.5	3.7
373-COROM3-LTD-12	012TSF-T4180D20	12	0.29	7.4	300	1330	90	400	4.9	11.1	1.5	3.7
373-COROM3-LTD-24	024TSF-T4180D20	24	0.38	9.7	600	2700	180	810	5.7	14.6	3.8	9.7

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(continued) FREEDM LST Gel-free Cables

Fiber Solutions

50/125 MULTIMODE (OM4)
Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COROM4-LTD-06	006TSF-T4190D20	6	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COROM4-LTD-12	012TSF-T4190D20	12	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COROM4-LTD-24	024TSF-T4190D20	24	0.38	9.7	600	2700	180	810	5.7	14.6	3.8	9.7

8.3/125 SINGLE-MODE (OS2)
Maximum attenuation: 0.4/0.3 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COR8.3LTD-06	006ESF-T4101D20	6	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COR8.3LTD-12	012ESF-T4101D20	12	0.29	7.4	300	1300	90	400	4.4	11.1	1.5	3.7
373-COR8.3LTD-24	024ESF-T4101D20	24	0.38	9.7	600	2700	180	810	5.7	14.6	3.8	9.7

HYBRID: 62.5/125 MULTIMODE (OM1) AND 8.3/125 SINGLE-MODE (OS2)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COR625-HYBD-6/6	012XSF-A8074D20	6 MM/ 6 SM	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COR625-HYBD-12/6	018XSF-A8075D20	12 MM/ 6 SM	0.29	7.4	300	1330	90	400	4.4	11.1	1.5	3.7
373-COR62-HYBD-12/12	024XSF-A8076D20	12 MM/ 12 SM	0.38	9.7	600	2700	180	810	5.7	14.6	3.8	9.7

> Contact your local sales representative for available colored cable jacket options.

FREEDM Loose-Tube Gel-free Riser Cables

CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM Loose-Tube Gel-free Riser Cables are flame-retardant, UV-stabilized and fully water-blocked for use in indoor/outdoor applications. They are suitable for installation in duct, aerial and riser environments. Because they are riser-rated cables, there is no need for a transition splice when entering the building. Available from two to 288 fibers, the FREEDM Loose-Tube Cable buffer tubes and the fibers inside are color-coded for quick, easy identification.

FEATURES
- Gel-free design means that there is no gel in the buffer tubes. The buffer tubes are fully water-blocked, making cable access simple and requiring no cleanup
- Available in 62.5 µm, 50 µm, single-mode and hybrid versions
- Standard 2.5 mm buffer-tube size reduces the number of access tools required
- SZ-stranded, loose-tube design isolates fibers from installation and environmental rigors and allows for easy midspan access
- UV-resistant, flame-retardant jacket is rugged, durable and easy to strip
- All-dielectric cable construction requires no grounding or bonding
- Color-coded fibers and buffer tubes for quick and easy identification during installation
- Listed OFNR and FT4
- Available with interlocking armor
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

APPLICATIONS

Campus backbones in aerial, duct and riser applications

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm);
serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COR62.5-LTD-36	036KUF-T4130D20	36	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
373-COR62.5-LTD-48	048KUF-T4130D20	48	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9

50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm);
serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COROM3-LTRD-36	036TUF-T4180D20	36	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
373-COROM3-LTRD-48	048TUF-T4180D20	48	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9

50/125 MULTIMODE (OM4)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 5500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4700 MHz•km (850 nm);
serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COROM4-LTD-36	036TUF-T4190D20	36	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
373-COROM4-LTD-48	048TUF-T4190D20	48	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.4/0.3 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COR8.3LTD-36	036EUF-T4101D20	36	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
373-COR8.3LTD-48	048EUF-T4101D20	48	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
373-COR8.3LTD-72	072EUF-T4101D20	72	0.51	12.9	600	2700	180	810	7.6	19.4	5.1	12.9
373-COR8.3LTD-96	096EUF-T4101D20	96	0.54	13.8	600	2700	180	810	8.1	20.7	5.4	13.8
373-COR8.3LTD-144	144EUF-T4101D20	144	0.70	17.7	600	2700	180	810	10.5	26.6	7.0	17.7

For fiber counts up to 24, see FREEDM LST Gel-Free Cables.
Contact your local sales representative for colored cable jacket options.

Fiber Solutions

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Fiber Solutions

FREEDM Loose Tube Gel-free Plenum Cables

CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM Loose-Tube Gel-free Plenum Cables are flame-retardant, indoor/outdoor, plenum-rated cables suitable for installation in aerial, duct and riser or plenum applications. The plenum rating of this cable eliminates the need for a transition splice when entering the building and minimizes routing restrictions once inside the building. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFNP- and FT6-listed.

FEATURES

- 250 μm color-coded fibers for quick and easy identification during installation
- Loose-tube design for mechanical ruggedness and environmental durability
- All-dielectric cable construction requires no grounding or bonding
- Available in 62.5 μm, 50 μm (including laser-optimized 50 μm) and single-mode versions
- Gel-free providing for more efficient and craft-friendly cable preparation
- Flexible, flame-retardant jacket that is UV resistant and enables direct exposure to sunlight
- Available in interlocking armor for special applications requiring additional mechanical durability
- Colored cable jacket options available

APPLICATIONS

Inter- and intrabuilding backbones in aerial, duct and plenum applications

For more information, contact your local sales representative.

FREEDM Loose-Tube Gel-free Interlocking Armored Riser Cables

CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM Loose-Tube Gel-free Interlocking Armored Cables are flame-retardant, indoor/outdoor, riser-rated cables encased in a spirally wrapped interlocking metal tape for ruggedness and superior crush resistance. Because of the riser rating, there is no need for a transition splice when entering the building. These cables are fully water-blocked without the use of messy gels, providing for more efficient and craft-friendly cable preparation. Available from 24 to 120 fibers, the buffer tubes and fibers in each tube are color-coded for quick, easy identification.

FEATURES

- Interlocking armor provides mechanical protection
- Meets cyclic-impact and chemical-resistance tests for superior performance
- Listed OFCR-LS and CSA OFC FT4-ST1
- Tested to industrial-ruggedness standards
- Meets burn-test criteria

APPLICATIONS

Inter- and intrabuilding backbones in aerial, duct and riser applications
Industrial and heavy-traffic areas
Installations requiring extra protection for optical cables
Designed for building backbones and harsh environments atypical of traditional datacom systems

Indoor/Outdoor Cables

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm);
serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COR625-LTAIRL-06	006KUF-T4130DA1	6	0.76	19.8	600	2700	180	810	11.8	29.7	7.8	19.9
373-COR625-LTAIRL-24	024KUF-T4130DA1	24	0.76	19.8	600	2700	180	810	11.8	29.7	7.8	19.9

50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm);
serial Gigabit Ethernet distance: 750/600 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COROM2-LTRA-06	006TUF-T4131DA1	6	0.76	19.8	600	2700	180	810	29.7	11.8	7.8	19.9
373-COROM2-LTRA-12	012TUF-T4131DA1	12	0.76	19.8	600	2700	180	810	29.7	11.8	7.8	19.9
373-COROM2-LTRA-24	024TUF-T4131DA1	24	0.76	19.8	600	2700	180	810	29.7	11.8	7.8	19.9

50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm);
serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COROM3-LTRA-06	006TUF-T4180DA1	6	0.76	19.8	600	2700	180	810	11.8	29.7	7.8	19.9
373-COROM3-LTRA-12	012TUF-T4180DA1	12	0.76	19.8	600	2700	180	810	11.8	29.7	7.8	19.9
373-COROM3-LTRA-24	024TUF-T4180DA1	24	0.76	19.8	600	2700	180	810	11.8	29.7	7.8	19.9

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.4/0.3 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COR8.3-LTAIRL-06	006EUF-T4101DA1	6	0.76	19.8	600	2700	180	810	11.8	29.7	7.8	19.9
373-COR8.3LTAIRL-12	012EUF-T4101DA1	12	0.76	19.8	600	2700	180	810	11.8	29.7	7.8	19.9
373-COR8.3LTAIRL-24	024EUF-T4101DA1	24	0.76	19.8	600	2700	180	810	11.8	29.7	7.8	19.9

Contact your local sales representative for colored cable jacket options.

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Fiber Solutions

CORNING CABLE SYSTEMS

Corning Cable Systems OFNR FREEDM Fan-out Cables utilize flame-retardant, 900 μm, TBII Buffered Fiber subunits surrounded by water-resistant, dielectric strength members and protected by a flexible, flame-retardant outer jacket. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFNR- and FT4-listed. These cables are ideal for routing inside/outside buildings into riser spaces; to security, surveillance or monitoring cameras; and within telecommunications rooms and workstations.

SPECIFICATIONS

1. Approvals and listings: NEC OFNR, CSA FT4
2. Design criteria: ICEA S-104-696
3. Storage temperature: -40°C to +70°C (-40°F to +158°F)
4. Installation temperature: -10°C to +70°C (+14°F to +158°F)
5. Operating temperature: -40°C to +70°C (-40°F to +158°F)

FEATURES

- Indoor/outdoor temperature- and water-resistant performance provides superior environmental protection
- No need for transition splice entering a building
- Easily terminated 2.9 mm subunits enable field terminations
- 900 μm, TBII Buffered Fibers enable easy, consistent stripping
- Small diameter and bend radius allow easy installation in space-constrained areas
- All-dielectric cable construction requires no grounding or bonding
- Availability with approval for TEMPEST applications
- RoHS-compliant
- ICEA S-104-696 tests
- Also available in a 3- and 4-fiber configuration

APPLICATIONS

Premises security: ideal for providing direct optical connections from indoor and outdoor surveillance cameras to security control locations
Traffic control: optical feeds in rugged environments
Building networks: low-fiber-count connections within building backbone riser and horizontal spaces
Premises data: may be used for direct terminations inside and between building locations
Secure communications: ideal for providing a secure link for surveillance or data

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.5/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COR62.5-FO2.0-02	002K6F-31330-29	2	0.25 x 0.30	4.2 x 6.5	660	150	330	75	4.5	11.4	3.0	7.6

50/125 MULTIMODE (OM2)

Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm); minimum LED bandwidth: 500/500 MHz•km (850/1300 nm); effective modal bandwidth: 510 MHz•km (850 nm); serial Gigabit Ethernet distance: 600/600 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COROM2-FO2.0-02	002T6F-31331-29	2	0.25 x 0.30	4.2 x 6.5	660	150	330	75	4.5	11.4	3.0	7.6

50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.5 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COROM3-FO2.0-02	002T6F-31380-29	2	0.25 x 0.30	4.2 x 6.5	660	150	330	75	4.5	11.4	3.0	7.6

8.3/125 SINGLE-MODE (OS2)
Maximum attenuation: 0.4/0.3 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COROS2-F02.0-02	002E6F-31331-29	2	0.25 x 0.30	4.2 x 6.5	660	150	330	75	4.5	11.4	3.0	7.6

> Contact your local sales representative for available fiber configurations and colored cable jacket options.

FREEDM One Riser Cables

CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM One Riser Cables are OFNR-/FT4-listed, UV resistant and fully water-blocked for indoor/outdoor applications. They are suitable for duct, aerial and direct-buried installations with no need for a transition splice when entering the building. The tight-buffered construction facilitates easier termination for low-fiber-count applications in the local area network (LAN).

FEATURES

- Eliminates cable transition at the building entrance, reducing installation time and cost in addition to increasing channel operation margin
- Tight-buffered design eliminates need for fan-out kits
- ANSI/TIA-598, color-coded, 900 μm TBII Buffered Fibers for easy identification and direct termination
- Small diameter and bend radius allow for easy installation in space-constrained areas
- All-dielectric cable construction eliminates grounding and bonding concerns
- UV-resistant, flame-retardant outer jacket is rugged and durable
- Dry cable water-blocking technology for OSP applications
- OFNR- and FT4-listed for riser and general-purpose use
- Available with 62.5 μm, 50 μm and single-mode fiber
- ICEA S-104-696 test criteria
- Also available in OFNP- and FT6-listed cables

62.5/125 MULTIMODE (OM1)
Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COR62.5-TBRD-06	006K8F-31130-29	6	0.22	5.5	150	675	45	200	3.2	8.3	2.2	5.5
373-COR62.5-TBRD-12	012K8F-31130-29	12	0.36	6.5	150	675	45	200	3.8	9.8	2.6	6.5
373-COR62.5-TBRD-24	024K8F-31130-29	24	0.31	8.0	300	1350	90	400	4.7	12.0	3.1	8.0

50/125 MULTIMODE (OM2)
Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COROM2-TBRD-06	006T8F-31131-29	6	0.22	5.5	150	675	45	200	3.2	8.3	2.2	5.5
373-COROM2-TBRD-12	012T8F-31131-29	12	0.36	6.5	150	675	45	200	3.8	9.8	2.6	6.5
373-COROM2-TBRD-24	024T8F-31131-29	24	0.31	8.0	300	1350	90	400	4.7	12.0	3.1	8.0

Fiber Solutions

(continued)   FREEDM One Riser Cables

50/125 MULTIMODE (OM3)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COROM3-TBRD-06	006T8F-31180-29	6	0.22	5.5	150	675	45	200	3.2	8.3	2.2	5.5
373-COROM3-TBRD-12	012T8F-31180-29	12	0.36	6.5	150	675	45	200	3.8	9.8	2.6	6.5
373-COROM3-TBRD-24	024T8F-31180-29	24	0.31	8.0	300	1350	90	400	4.7	12.0	3.1	8.0

SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310/1550 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COR8.3-TBRD-06	006E8F-31131-29	6	0.22	5.5	150	675	45	200	3.2	8.3	2.2	5.5
373-COR8.3-TBRD-12	012E8F-31131-29	12	0.36	6.5	150	675	45	200	3.8	9.8	2.6	6.5
373-COR8.3-TBRD-24	024E8F-31131-29	24	0.31	8.0	300	1350	90	400	4.7	12.0	3.1	8.0

> Contact your local sales representative for available colored cable jacket options.

FREEDM One Plenum Cables

CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM One Plenum Cables are OFNP- and FT6-listed, UV resistant and fully water-blocked for indoor/outdoor applications. They are suitable for duct, aerial and direct-buried installations with no need for a transition splice when entering the building. The tight-buffered construction facilitates easier termination for low-fiber-count applications in the local area network (LAN).

FEATURES

- Eliminates cable transition at the building entrance, reducing installation time and cost in addition to increasing operating margin
- Tight-buffered design eliminates need for fan-out kits
- ANSI/TIA-598, color-coded, 900 μm, TBII Buffered Fibers for easy identification and direct termination
- Small diameter and bend radius allow for easy installation in space-constrained areas
- All-dielectric cable construction eliminates grounding and bonding concerns
- UV-resistant, flame-retardant outer jacket is rugged and durable
- Dry cable water-blocking technology for OSP applications
- OFNP- and FT6-listed for plenum, riser and general-purpose use
- Available with 62.5 μm, 50 μm and single-mode fiber
- ICEA S-104-696 test criteria
- Riser-rated version available

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-COR62.5-TBD-06	006K8P-31130-29	6	0.21	5.3	150	675	45	200	3.0	8.0	1.0	2.7
373-COR62.5-TBD-12	012K8P-31130-29	12	0.25	6.3	150	675	45	200	3.7	9.5	1.5	3.7
373-COR62.5-TBD-24	024K8P-31130-29	24	0.31	8.0	300	1350	90	400	4.7	12.0	1.6	4.0

Fiber Solutions

SINGLE-MODE (OS2)
Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-COR8.3-TBD-06	006E8P-31131-29	6	0.21	5.3	150	675	45	200	3.0	8.0	1.0	2.7
373-COR8.3-TBD-12	012E8P-31131-29	12	0.25	6.3	150	675	45	200	3.7	9.5	1.5	3.7
373-COR8.3-TBD-24	024E8P-31131-29	24	0.31	8.0	300	1350	90	400	4.7	12.0	1.6	4.0

Contact your local sales representative for available colored cable jacket options.

FREEDM Ribbon Riser Cables

CORNING CABLE SYSTEMS

Corning Cable Systems FREEDM Ribbon Riser cables are lightweight cables designed for indoor/outdoor applications. A UV-resistant, flame-retardant jacket allows added flexibility in placing this cable outdoors, whether it is an aerial or duct application, or indoors in general horizontal or riser applications. The cable consists of a ribbon stack of 12-fiber ribbons within a gel-filled central buffer tube. Surrounding the tube are dielectric strength members, which provide tensile strength, and innovative dry cable water-blocking tapes, which reduce cable preparation time and weight.

FEATURES
- Listed OFNR, available from 12 to 216 fibers
- Available in 62.5 μm, 50 μm, single-mode and hybrid versions
- 12-fiber ribbons with readily identifiable ribbon ID numbers and fiber colors
- Easily accessible individual, 250 μm, colored fibers
- Precise fiber and ribbon geometries result in excellent mass-splicing yields
- Available preconnectorized for easy field installation and reduced labor costs
- Superior water-blocking performance using craft-friendly, swellable polymer technology
- Compatible with standard ribbon cable procedures and hardware
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

APPLICATIONS
Campus backbones in aerial, duct and riser applications

8.3/125 SINGLE-MODE (OS2)
Maximum attenuation: 0.4/0.3 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-537-SMODERIB-24	024ECF-14101-20	24	0.46	11.6	600	2700	135	600	6.9	17.4	4.6	11.6
370-537-SMODERIB-48	048ECF-14101-20	48	0.46	11.6	600	2700	135	600	6.9	17.4	4.6	11.6
370-537-SMODERIB-72	072ECF-14101-20	72	0.51	12.7	600	2700	135	600	7.5	19.1	5.0	12.7
370-537-SMODERIB-216	216ECF-14101-20	216	0.69	17.6	600	2700	135	600	10.4	26.4	6.9	17.6

Contact your local sales office for available colored cable jacket options.

Fiber Solutions

Indoor Cables

Fiber Solutions

MIC Riser Cables (2-24 Fiber)

CORNING CABLE SYSTEMS

Corning Cable Systems MIC Riser Cables are multifiber cables utilizing 900 μm TBII Buffered Fibers surrounded by dielectric strength members and a flame-retardant outer jacket. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFNR- and FT4-listed. These cables are ideal for intrabuilding cabling including riser shafts, telecommunications rooms and workstations.
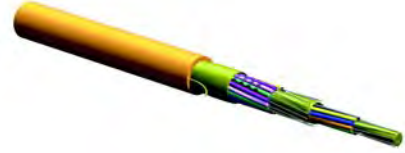
FEATURES

- Utilizes 900 μm TBII Buffered Fibers, enabling easy, consistent stripping
- Available in 62.5 μm, 50 μm, single-mode and hybrid versions
- All-dielectric construction requires no grounding and bonding
- Available with metallic interlocking armor or all-dielectric interlocking armor
- Availability with approval for TEMPEST applications
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

APPLICATIONS

Intrabuilding backbone and horizontal installations in riser and general-purpose environments

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-947-FDDI-02	002K81-31130-24	2	0.19	4.7	150	660	45	200	2.8	7.1	1.0	2.4
370-947-FDDI-04	004K81-31130-24	4	0.20	5.0	150	660	45	200	3.0	7.5	1.0	2.5
370-947-FDDI-06	006K81-31130-24	6	0.22	5.5	150	660	45	200	3.3	8.3	1.1	2.8
370-947-FDDI-08	008K81-31130-24	8	0.24	6.0	150	660	45	200	3.6	9.0	2.4	6.0
370-947-FDDI-12	012K81-33130-24	12	0.25	6.3	150	660	45	200	3.7	9.5	1.3	3.2
370-947-FDDI-18	018K81-33130-24	18	0.29	7.4	300	1320	90	400	4.4	11.1	2.9	7.4
370-947-FDDI-24	024K81-33130-24	24	0.31	8.0	300	1320	90	400	4.7	12.0	3.1	8.0

50/125 MULTIMODE (OM2)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-COROM2-TBD-02	002T81-31131-24	2	0.19	4.7	150	660	45	200	2.8	7.1	1.0	2.4
371-COROM2-TBD-04	004T81-31131-24	4	0.20	5.0	150	660	45	200	3.0	7.5	1.0	2.5
371-COROM2-TBD-06	006T81-31131-24	6	0.22	5.5	150	660	45	200	3.3	8.3	1.1	2.8
371-COROM2-TBD-12	012T81-33131-24	12	0.25	6.3	150	660	45	200	3.7	9.5	2.5	3.2
371-COROM2-TBD-24	024T81-33131-24	24	0.31	8.0	300	1320	90	400	4.7	12.0	3.1	8.0

50/125 MULTIMODE (OM3)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-COROM3-TBD-06	006T81-31180-24	6	0.22	5.5	150	660	45	200	3.3	8.3	1.1	2.8
371-COROM3-TBD-12	012T81-33180-24	12	0.25	6.3	150	660	45	200	3.7	9.5	1.3	3.2
371-COROM3-TBD-24	024T81-33180-24	24	0.31	8.0	300	1320	90	400	4.7	12.0	3.1	8.0

50/125 MULTIMODE (OM4)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM4-TBD-06	006T81-31190-24	6	0.22	5.5	150	660	45	200	3.3	8.3	1.1	2.8
371-COROM4-TBD-12	012T81-33190-24	12	0.25	6.3	150	660	45	200	3.7	9.5	1.5	3.2
371-COROM4-TBD-24	024T81-33190-24	24	0.31	8.0	300	1320	90	400	4.7	12.0	3.1	8.0

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-947-SMODE-02	002E81-31131-24	2	0.19	4.7	150	660	45	200	2.8	7.1	1.0	2.4
370-947-SMODE-04	004E81-31131-24	4	0.20	5.0	150	660	45	200	3.0	7.5	1.0	2.5
370-947-SMODE-06	006E81-31131-24	6	0.22	5.5	150	660	45	200	3.3	8.3	1.1	2.8
370-947-SMODE-08	008E81-31131-24	8	0.24	6.0	150	660	45	200	3.6	8.9	2.4	9.0
370-947-SMODE-12	012E81-33131-24	12	0.25	6.3	150	660	45	200	3.7	9.5	1.3	3.2
370-947-SMODE-24	024E81-33131-24	24	0.31	8.0	300	1320	90	400	4.7	12.0	3.1	8.0

HYBRID: 62.5/125 MULTIMODE (OM1) AND 8.3/125 SINGLE-MODE (OS2)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-947-HYBRID-6/6	012X81-A9030-24	6 MM/ 6 SM	0.25	6.3	150	660	45	200	3.7	9.5	1.3	3.2
370-947-HYBRID-12/6	018X81-A9044-24	12 MM/ 6 SM	0.29	7.4	300	1320	90	400	4.4	11.1	2.9	7.4
370-947-HYBRID-12/12	024X81-A9034-24	12 MM/ 12 SM	0.31	8.0	300	1320	90	400	4.7	12.0	3.1	8.0
370-947-HYBRID-24/12	036X81-A9037-24	24 MM/ 12 SM	0.58	14.8	300	1320	90	400	8.7	22.2	5.8	14.8

HYBRID: 50/125 MULTIMODE (OM2) AND 8.3/125 SINGLE-MODE (OS2)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-050-HYBMIC-06/12	018X81-A8700-24	6 MM/ 12 SM	0.29	7.4	300	1320	90	400	4.4	11.1	2.9	7.4
370-050-HYBMIC-12/24	036X81-A8371-24	12 MM/ 24 SM	0.58	14.8	300	1320	90	400	8.7	22.2	5.8	14.8

Fiber Solutions

Fiber Solutions

MIC Unitized Riser Cables (36-144 Fiber)

CORNING CABLE SYSTEMS

Corning Cable Systems MIC Unitized Riser Cables are multifiber cables with multiple subunits of 6 or 12 tight-buffered fibers stranded around a dielectric central member with dielectric-strength members and a flame-retardant outer jacket. These cables meet the application requirements of the National Electrical Code (NEC) and are OFNR- and FT4-listed. These cables are ideal for routing inside buildings including in riser shafts, to telecommunications rooms and to workstations.

FEATURES

- Multifiber cable with multiple subunits of 6 or 12 fibers
- Utilizes TBII Buffered Fiber enabling easy, consistent stripping
- Available in 62.5 μm, 50 μm, single-mode and hybrid versions
- All-dielectric construction requires no grounding or bonding
- Available with metallic interlocking armor
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

APPLICATIONS

Intrabuilding backbones in riser and general-purpose installations

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

| | | No. of Fibers | Cable O.D. (in.) | (mm) | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.				(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-947-FDDI-36	036K81-61130-24	36	0.58	14.8	300	1320	90	400	8.7	22.2	5.8	14.8
370-947-FDDI-48	048K81-61130-24	48	0.69	17.8	300	1320	90	400	10.5	26.7	7.0	17.8
370-947-FDDI-72	072K81-T3130-24	72	0.73	18.6	300	1320	90	400	11.0	27.9	7.3	18.6

50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm).

| | | No. of Fibers | Cable O.D. (in.) | (mm) | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.				(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM2-TBD-48	048T81-61131-24	48	0.69	17.8	300	1320	90	400	10.5	26.7	7.0	17.8

50/125 MULTIMODE (OM3)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

| | | No. of Fibers | Cable O.D. (in.) | (mm) | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.				(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM3-TBD-36	036T81-61180-24	36	0.58	14.8	300	1320	90	400	8.7	22.2	5.8	14.8
371-COROM3-TBD-48	048T81-61180-24	48	0.69	17.8	300	1320	90	400	10.5	26.7	7.0	17.8
371-COROM3-TBD-72	072T81-T3180-24	72	0.73	18.6	600	1320	90	400	11.0	27.9	7.3	18.6

50/125 MULTIMODE (OM4)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm).

| | | No. of Fibers | Cable O.D. (in.) | (mm) | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.				(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM4-TBD-36	036T81-61190-24	36	0.58	14.8	300	1320	90	400	8.7	22.2	5.8	14.8
371-COROM4-TBD-48	048T81-61190-24	48	0.69	17.8	300	1320	90	400	10.5	26.7	7.0	17.8
371-COROM4-TBD-72	072T81-T3190-24	72	0.73	18.6	600	1320	90	400	11.0	27.9	7.3	18.6

8.3/125 SINGLE-MODE (OS2)
Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

					Max. Tensile Load				Min. Bend Radius			
			Cable O.D.		Installation		Long Term		Installation		Long Term	
		No. of										
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-947-SMODE-36	036E81-61131-24	36	0.58	14.8	300	1320	90	400	8.7	22.2	5.8	14.8
370-947-SMODE-48	048E81-61131-24	48	0.69	17.8	300	1320	90	400	10.5	26.7	7.0	17.8
370-947-SMODE-72	072E81-T3131-24	72	0.73	18.6	300	1320	90	400	11.0	27.9	7.3	18.6

Application Notes

Fiber Optic Cable Color Code

Fiber optic cables follow the same basic color-coding scheme as standard copper telephone cables, with the exception that fibers are colored individually, not in pairs. In outside plant fiber cables, individual groups of fibers are bound together for identification by colored yarn or tubes. These binder groups follow the same color-code scheme as the individual fibers so that the color of the first tube and the first fiber are the same, and so on. This eliminates confusion during the installation of higher-fiber-count cables, because the installer can work with one binder group at a time, following the color code to terminate each fiber bundle in order.

The standard color code is as follows:

1. Blue, 2. Orange, 3. Green, 4. Brown, 5. Slate, 6. White, 7. Red, 8. Black, 9. Yellow, 10. Violet, 11. Rose, 12. Aqua.

In cables of 18 to 24 fibers, a stripe or black dash is used to identify fibers #13 to 24.

MIC Plenum Cables (2-24 Fiber)

CORNING CABLE SYSTEMS

Corning Cable Systems OFNP MIC cables utilize 900 μm TBII Buffered Fibers surrounded by dielectric strength members with a flexible, flame-retardant outer jacket. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFNP- and FT6-listed. These cables are ideal for routing inside buildings within plenum areas and riser shafts to telecommunications rooms and workstations.

FEATURES

- 900 μm TBII Buffered Fibers enable easy, consistent stripping
- Small diameter and bend radius allow easy installation in space-constrained areas
- Available in 62.5 μm, 50 μm, single-mode and hybrid versions
- All-dielectric cable construction requires no grounding or bonding
- Available with metallic interlocking armor and all-dielectric interlocking armor
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

APPLICATIONS

Building backbone and horizontal installations in plenum, riser and general-purpose environments

62.5/125 MULTIMODE (OM1)
Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

					Max. Tensile Load				Min. Bend Radius			
			Cable O.D.		Installation		Long Term		Installation		Long Term	
		No. of										
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-949-FDDI-02	002K88-31130-29	2	0.20	5.0	100	440	30	132	3.0	7.5	1.0	2.5
370-949-FDDI-04	004K88-31130-29	4	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-949-FDDI-06	006K88-31130-29	6	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-949-FDDI-08	008K88-31130-29	8	0.23	5.9	100	440	30	132	3.5	8.9	2.3	5.9
370-949-FDDI-12	012K88-33130-29	12	0.24	6.1	100	440	30	132	3.6	9.2	1.2	3.1
370-949-FDDI-18	018K88-33130-29	18	0.29	7.4	150	660	45	200	4.4	11.1	2.9	7.4
370-949-FDDI-24	024K88-33130-29	24	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8

Fiber Solutions

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Indoor Cables

(continued)   MIC Plenum Cables (2-24 Fiber)

Fiber Solutions

50/125 MULTIMODE (OM2)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm);
serial Gigabit Ethernet distance: 750/600 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM2-TBD-02	002T88-31131-29	2	0.20	5.0	100	440	30	132	3.0	7.5	1.0	2.5
370-COROM2-TBD-04	004T88-31131-29	4	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-COROM2-TBD-06	006T88-31131-29	6	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-COROM2-TBD-08	008T88-31131-29	8	0.23	5.9	100	440	30	132	3.5	8.9	2.3	5.9
370-COROM2-TBD-12	012T88-33131-29	12	0.24	6.1	100	440	30	132	3.6	9.2	1.2	3.1
370-COROM2-TBD-18	018T88-33131-29	18	0.29	7.4	150	660	45	200	4.4	11.1	2.9	7.4
370-COROM2-TBD-24	024T88-33131-29	24	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8

50/125 MULTIMODE (OM3)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm);
serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM3-TBD-06	006T88-31180-29	6	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-COROM3-TBD-12	012T88-33180-29	12	0.24	6.1	100	440	30	132	3.6	9.2	1.2	3.1
370-COROM3-TBD-24	024T88-33180-29	24	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8

50/125 MULTIMODE (OM4)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4700 MHz•km (850 nm);
serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM4-TBD-06	006T88-31190-29	6	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-COROM4-TBD-12	012T88-33190-29	12	0.24	6.1	100	440	30	132	3.6	9.2	1.2	3.1
370-COROM4-TBD-24	024T88-33190-29	24	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-948-SMODE-02	002E88-31131-29	2	0.20	5.0	100	440	30	132	3.0	7.5	1.0	2.5
370-948-SMODE-04	004E88-31131-29	4	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-948-SMODE-06	006E88-31131-29	6	0.21	5.3	100	440	30	132	3.2	8.0	1.1	2.7
370-948-SMODE-12	012E88-33131-29	12	0.24	6.1	100	440	30	132	3.6	9.2	1.2	3.1
370-948-SMODE-24	024E88-33131-29	24	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8

HYBRID: 62.5/125 MULTIMODE (OM1) AND 8.3/125 SINGLE-MODE (OS2)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-949-HYBRID-6/6	012X88-A9031-29	6 MM/ 6 SM	0.24	6.1	100	440	30	132	3.6	9.2	1.2	3.1
370-949-HYBRID-12/6	018X88-A9045-29	12 MM/ 6 SM	0.29	7.4	150	660	45	200	4.4	11.1	2.9	7.4

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-949-HYBRID-12/12	024X88-A9036-29	12 MM/ 12 SM	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8
370-949-HYBRID-18/6	024X88-A9035-29	18 MM/ 6 SM	0.31	7.8	150	660	45	200	4.6	11.7	3.1	7.8
370-949-HYBRID-24/12	036X88-A9038-29	24 MM/ 12 SM	0.58	14.8	150	660	45	200	8.7	22.2	5.8	14.8

MIC Unitized Plenum Cables (36-144 Fiber)

CORNING CABLE SYSTEMS

Corning Cable Systems Plenum MIC Unitized Cables are multifiber cables with stranded subunits of six or 12 900 µm TBII Buffered Fibers surrounded by a dielectric strength member and a flame-retardant outer jacket. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFNP- and FT6-listed. They are ideal for routing inside buildings within plenum areas and riser shafts to the telecommunications rooms and workstations.

FEATURES

- TBII Buffered Fibers enable easy, consistent stripping
- Available in 62.5 µm, 50 µm, single-mode and hybrid versions
- All-dielectric cable construction requires no grounding or bonding
- Available with metallic interlocking armor up to 72 fibers
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance

APPLICATIONS

Intrabuilding backbone installations in plenum, riser and general-purpose environments

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-949-FDDI-36	036K88-61130-29	36	0.58	14.8	150	660	45	200	8.7	22.2	5.8	14.8
370-949-FDDI-48	048K88-61130-29	48	0.69	17.8	150	660	45	200	10.5	26.7	6.9	17.8
370-949-FDDI-72	072K88-T3130-29	72	0.73	18.6	150	660	45	200	11.0	27.9	7.3	18.6
370-949-FDDI-96	096K88-T3130-29	96	0.87	22.2	150	660	45	200	13.1	33.3	8.7	22.2

50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM2-TBD-48	048T88-61131-29	48	0.69	17.8	150	660	45	200	10.5	26.7	6.9	17.8
370-COROM2-TBD-72	072T88-T3131-29	72	0.73	18.6	150	660	45	200	11.0	27.9	7.3	18.6

50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM3-TBD-48	048T88-61180-29	48	0.69	17.8	150	660	45	200	10.5	26.7	6.9	17.8
370-COROM3-TBD-72	072T88-T3180-29	72	0.73	18.6	150	660	45	200	11.0	27.9	7.3	18.6

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Indoor Cables

(continued)   MIC Unitized Plenum Cables (36-144 Fiber)

50/125 MULTIMODE (OM4)
Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM4-TBDUNT-36	036T81-61190-29	36	0.58	14.8	150	660	45	200	8.7	22.2	5.8	14.8
370-COROM4-TBDUNT-48	048T81-61190-29	48	0.69	17.8	150	660	45	200	10.5	26.7	7.0	17.8
370-COROM4-TBDUNT-72	072T81-T3190-29	72	0.73	18.6	150	660	45	200	11.0	27.9	7.3	18.6

8.3/125 SINGLE-MODE (OS2)
Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-948-SMODE-36	036E88-61131-29	36	0.58	14.8	150	660	45	200	8.7	22.2	5.8	14.8
370-948-SMODE-48	048E88-61131-29	48	0.69	17.8	150	660	45	200	10.5	26.7	6.9	17.8
370-948-SMODE-72	072E88-T3131-29	72	0.73	18.6	150	660	45	200	11.0	27.9	7.3	18.6

MIC Interlocking Armored Riser Cables (2-24 Fiber)

CORNING CABLE SYSTEMS
Corning Cable Systems MIC Interlocking Armored Riser cables are standard OFNR MIC cables inside a spirally wrapped interlocking aluminum armor for ruggedness and superior crush resistance. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFCR- and FT4-listed.

FEATURES
- Flexible interlocking aluminum armor offers superior crush resistance and cable protection
- Available in 62.5 μm, 50 μm, single-mode and hybrid versions
- Armored design allows easy one-step installation of protected cable, reducing overall installation cost
- Flame-retardant outer jacket enables easier cable pulling; exterior jacket print includes length markings and identification via jacket color
- Available with guaranteed Gigabit Ethernet performance and 10 Gigabit Ethernet performance

APPLICATIONS
Intrabuilding backbones and horizontal installations in riser and general-purpose environments
Industrial and heavy traffic areas requiring extra protection for optical cables

62.5/125 MULTIMODE (OM1)
Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-064-IRAIA-12	012K81-33130-A1	12	0.50	12.6	150	660	45	200	7.4	18.9	5.0	12.6
370-064-IRAIA-24	024K81-33130-A1	24	0.59	15	300	1320	90	400	8.9	22.5	5.9	15

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50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm).

| | | | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM2-TBA-06	006T81-31131-A1	6	0.47	11.9	150	660	45	200	7.0	17.9	4.7	11.9
371-COROM2-TBA-12	012T81-33131-A1	12	0.50	12.6	150	660	45	200	7.4	18.9	5.0	12.6
371-COROM2-TBA-24	024T81-33131-A1	24	0.59	15	300	1320	90	400	8.9	22.5	5.9	15

50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

| | | | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM3-TBA-06	006T81-31180-A1	6	0.47	11.9	150	660	45	200	7.0	17.9	4.7	12.2
371-COROM3-TBA-12	012T81-33180-A1	12	0.50	12.6	150	660	45	200	7.4	18.9	5.0	12.6
371-COROM3-TBA-24	024T81-33180-A1	24	0.59	15	300	1320	90	400	8.9	21.5	5.9	14.3

50/125 MULTIMODE (OM4) 50/125 MULTIMODE (OM4)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm).

| | | | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM4-TBA-06	006T81-31190-A1	6	0.47	11.9	150	660	45	200	7.0	17.9	4.7	11.9
371-COROM4-TBA-12	012T81-33190-A1	12	0.50	12.6	150	660	45	200	7.4	18.9	5.0	12.6
371-COROM4-TBA-24	024T81-33190-A1	24	0.59	15	300	1320	90	400	8.9	22.5	5.9	15

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

| | | | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROS2-TBA-12	012E81-33131-A1	12	0.50	12.6	150	660	45	200	7.4	18.9	5.0	12.6
371-COROS2-TBA-24	024E81-33131-A1	24	0.59	15	300	1320	90	400	8.9	22.5	5.9	15

MIC Interlocking Armored Plenum Cables (2-24 Fiber)

CORNING CABLE SYSTEMS

Corning Cable Systems MIC Interlocking Armored Plenum Cables are standard OFNP MIC cables encased inside a spirally wrapped, interlocking armor for ruggedness and superior crush resistance. The flame-retardant outer jacket enables easier cable pulling. The exterior jacket print includes length markings and identification via jacket color. These cables meet the application requirements of the National Electrical Code (NEC Article 770) and are OFCP- and FT6-listed.

FEATURES

• Flexible aluminum interlocking armor offers superior crush resistance and cable protection
• Available in 62.5 µm, 50 µm, single-mode and hybrid versions
• Armored design allows easy one-step installation of protected cable
• Available with guaranteed Gigabit Ethernet performance and 10 Gigabit Ethernet performance

APPLICATIONS

Intrabuilding backbone and horizontal installations in plenum, riser and general-purpose environments
Industrial and heavy-traffic areas requiring extra protection for optical cables

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Indoor Cables

(continued)   MIC Interlocking Armored Plenum Cables (2-24 Fiber)

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm);
serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

| | | | | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | No. of | Cable O.D. | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-406-ARMORMIC-04	004K88-31130-A3	4	0.48	12.2	100	440	30	132	7.2	18.3	4.8	12.2
370-406-ARMORMIC-06	006K88-31130-A3	6	0.48	12.2	100	440	30	132	7.2	18.3	4.8	12.2
370-406-ARMORMIC-12	012K88-33130-A3	12	0.50	12.6	100	440	30	132	7.4	18.9	5.0	12.6
370-406-ARMORMIC-18	018K88-33130-A3	18	0.54	13.7	150	660	45	200	8.1	20.6	5.4	13.7
370-406-ARMORMIC-24	024K88-33130-A3	24	0.56	14.3	150	660	45	200	8.5	21.5	5.6	14.3

50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm);
serial Gigabit Ethernet distance: 750/600 m (850/1300 nm).

| | | | | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | No. of | Cable O.D. | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM2-TBA-06	006T88-31131-A3	6	0.48	12.2	100	440	30	132	7.2	18.3	4.8	12.2
370-COROM2-TBA-12	012T88-33131-A3	12	0.50	12.6	100	440	30	132	7.4	18.9	5.0	12.6
370-COROM2-TBA-24	024T88-33131-A3	24	0.56	14.3	150	660	45	200	8.5	21.5	5.6	14.3

50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm);
serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

| | | | | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | No. of | Cable O.D. | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM3-TBA-06	006T88-31180-A3	6	0.48	12.2	100	440	30	132	7.2	18.3	4.8	12.2
370-COROM3-TBA-12	012T88-33180-A3	12	0.50	12.6	100	440	30	132	7.4	18.9	5.0	12.6
370-COROM3-TBA-24	024T88-33180-A3	24	0.56	14.3	150	660	45	200	8.5	21.5	5.6	14.3

50/125 MULTIMODE (OM4)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4700 MHz•km (850 nm);
serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm).

| | | | | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | No. of | Cable O.D. | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM4-TBA-06	006T88-31190-A3	6	0.48	12.2	100	440	30	132	7.2	18.3	4.8	12.2
370-COROM4-TBA-12	012T88-33190-A3	12	0.50	12.6	100	440	30	132	7.4	18.9	5.0	12.6
370-COROM4-TBA-24	024T88-33190-A3	24	0.56	14.3	150	660	45	200	8.5	21.5	5.6	14.3

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

| | | | | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | No. of | Cable O.D. | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COR8.3-TBAIRL-06	006E88-31131-A3	6	0.48	12.2	100	440	30	132	7.2	18.3	4.8	12.2
370-407-ARMORMIC-12	012E88-33131-A3	12	0.50	12.6	100	440	30	132	7.4	18.9	5.0	12.6
370-407-ARMORMIC-24	024E88-33131-A3	24	0.56	14.3	150	660	45	200	8.5	21.5	5.6	14.3

Fiber Solutions

MIC DX Armored Riser Cables (6-24 Fiber)

CORNING CABLE SYSTEMS

Corning Cable Systems MIC DX Armored Riser Cables are standard OFNR MIC riser subunits placed inside a dielectric armor for ruggedness and superior crush resistance without the conductive properties of traditional armor. The individually jacketed TBII Buffered Fibers enable easy, consistent stripping and facilitate termination. The fibers are stranded around a dielectric central member that is protected by a flexible, all-dielectric armor offering easy, one-step installation and over four times the crush protection compared to unarmored cables.

FEATURES

- Flame-retardant jacket provides rugged and durable protection in heavy traffic or more challenging mechanical exposure conditions
- Easy armor removal ensures increased safety and speed at installation

APPLICATIONS

For use in riser and general-purpose environments for intrabuilding backbone and horizontal installations

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-COROM1-TBAD-06	006K81-31130-D1	6	0.40	10.1	200	890	100	444	6.0	15.2	4.0	10.2
371-COROM1-TBAD-12	012K81-33130-D1	12	0.43	10.9	225	1000	133	593	6.4	16.4	4.3	10.9
371-COROM1-TBAD-24	024K81-33130-D1	24	0.50	13.0	585	2600	195	867	7.6	19.4	5.1	13.0

50/125 MULTIMODE (OM2)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-COROM2-TBAD-06	006T81-31131-D1	6	0.40	10.2	200	890	100	444	6.0	10.2	4.0	10.1
371-COROM2-TBAD-12	012T81-33131-D1	12	0.43	11.0	225	1000	133	593	6.4	11.0	4.3	10.9
371-COROM2-TBAD-24	024T81-33131-D1	24	0.50	13.1	600	2668	310	1400	5.2	12.8	7.8	19.7

50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-COROM3-TBAD-06	006T81-31180-D1	6	0.40	10.2	200	890	100	444	6.0	10.2	4.0	10.1
371-COROM3-TBAD-12	012T81-33180-D1	12	0.43	11.0	225	1000	133	593	6.4	16.5	4.3	10.9
371-COROM3-TBAD-24	024T81-33180-D1	24	0.52	13.1	600	2668	310	1400	5.2	12.8	7.8	19.7

50/125 MULTIMODE (OM4)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-COROM4-TBAD-06	006T81-31190-D1	6	0.40	10.2	200	890	100	444	6.0	10.2	4.0	10.1
371-COROM4-TBAD-12	012T81-33190-D1	12	0.43	11.0	225	1000	133	593	6.4	16.5	4.3	10.9
371-COROM4-TBAD-24	024T81-33190-D1	24	0.52	13.1	600	2668	310	1400	5.2	12.8	7.8	19.7

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Indoor Cables

(continued)   MIC DX Armored Riser Cables (6-24 Fiber)

8.3/125 SINGLE-MODE (OS2)
Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

| | | No. of | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COR8.3-TBAD-06	006E81-31131-D1	6	0.40	10.1	200	890	100	444	6.0	15.2	4.0	10.2
371-COR8.3-TBAD-12	012E81-33131-D1	12	0.43	10.9	225	1000	133	593	6.4	16.4	4.3	10.9
371-COR8.3-TBAD-24	024E81-33131-D1	24	0.50	13.0	585	2600	195	867	7.6	19.4	5.1	13.0

MIC DX Armored Plenum Cables (6-24 Fiber)

CORNING CABLE SYSTEMS

Corning Cable Systems MIC DX Armored Plenum Cables are standard OFNP MIC Plenum subunits placed inside a dielectric armor for ruggedness and superior crush resistance without the conductive properties of traditional armor. Individually jacketed TBII Buffered Fibers enable easy, consistent stripping and facilitate termination.

The fibers are stranded around a dielectric central member that is protected by a flexible, all-dielectric armor offering easy, one-step installation and over four times the crush protection compared to unarmored cables.

FEATURES

- Flame-retardant jacket provides rugged and durable protection in heavy traffic or more challenging mechanical exposure conditions
- Easy armor removal ensures increased safety and speed at installation

APPLICATIONS

For use in plenum, riser and general-purpose environments for intrabuilding backbone and horizontal installations

62.5/125 MULTIMODE (OM1)
Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

| | | No. of | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM1-TBAD-06	006K88-31130-D3	6	0.41	10.5	200	890	100	444	6.2	15.8	4.1	10.5
370-COROM1-TBAD-12	012K88-33130-D3	12	0.45	11.5	225	1000	133	593	6.8	17.3	4.5	11.5
370-COROM1-TBAD-24	024K88-33130-D3	24	0.52	13.1	585	2600	195	867	7.7	19.7	5.2	13.1

50/125 MULTIMODE (OM2)
Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm).

| | | No. of | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM2-TBAD-06	006T88-31131-D3	6	0.41	10.5	200	890	100	444	6.2	15.8	4.1	10.5
370-COROM2-TBAD-12	012T88-33131-D3	12	0.45	11.5	225	1000	133	593	6.8	17.3	4.5	11.5
370-COROM2-TBAD-24	024T88-33131-D3	24	0.52	13.1	585	2600	195	867	7.7	19.7	5.2	13.1

50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM3-TBAD-06	006T88-31180-D3	6	0.41	10.5	200	890	100	444	6.2	15.8	4.1	10.5
370-COROM3-TBAD-12	012T88-33180-D3	12	0.45	11.5	225	1000	133	593	6.8	17.3	4.5	11.5
370-COROM3-TBAD-24	024T88-33180-D3	24	0.52	13.1	585	2600	195	867	7.7	19.7	5.2	13.1

50/125 MULTIMODE (OM4)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM4-TBAD-06	006T88-31190-D3	6	0.41	10.5	200	890	100	444	6.2	15.8	4.1	10.5
370-COROM4-TBAD-12	012T88-33190-D3	12	0.45	11.5	225	1000	133	593	6.8	17.3	4.5	11.5
370-COROM4-TBAD-24	024T88-33190-D3	24	0.52	13.1	585	2600	195	867	7.7	19.7	5.2	13.1

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COR8.3-TBAD-06	006E88-31131-D3	6	0.41	10.5	200	890	100	444	6.2	15.8	4.1	10.5
370-COR8.3-TBAD-12	012E88-33131-D3	12	0.45	11.5	225	1000	133	593	6.8	17.3	4.5	11.5
370-COR8.3-TBAD-24	024E88-33131-D3	24	0.52	13.1	585	2600	195	867	7.7	19.7	5.2	13.1

Fan-out Plenum Cables

CORNING CABLE SYSTEMS

Corning Cable Systems OFNP Fan-out Cables are flexible multifiber cables that use individually jacketed, 900 μm TBII Buffered Fibers stranded around a dielectric central member with a flame-retardant outer jacket. Ideal for use in plenum and riser spaces within buildings, for building backbone and for horizontal cabling; particularly ideal for applications requiring direct connection to terminal equipment or requiring extra rugged cables.

FEATURES

- Uses 900 μm TBII Buffered Fiber enabling easy, consistent stripping
- Available in 62.5 μm, 50 μm, single-mode and hybrid versions
- All-dielectric cable construction requires no grounding or bonding
- Meets application requirements of the National Electrical Code (NEC Article 770)
- Listed OFNP and FT6
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance
- Available with 1.6 mm and 2.9 mm heavy-duty subunits

Technical Information & Standards

62.5/125 μm fiber
Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm)
Minimum LED: 200/500 MHz•km (850/1300 nm)
Effective modal bandwidth: 220 MHz•km (850 nm)
Serial Gigabit Ethernet distance: 300/550 m (850/1300 nm)

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(continued)   Fan-out Plenum Cables

2.0 MM SUBUNITS

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-648-FDDI2.0-02	002K68-31330-29	2	0.20	5.8	100	440	30	132	3.5	8.7	2.3	5.8
370-648-FDDI2.0-04	004K68-31330-29	4	0.30	6.8	100	440	30	132	4.0	10.2	2.7	6.8
370-648-FDDI2.0-06	006K68-31330-29	6	0.30	8.3	100	440	30	132	4.9	12.5	3.3	8.3

50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM3-TBDF02-02	002T68-31380-29	2	0.20	5.8	100	440	30	132	3.5	8.7	2.3	5.8
370-COROM3-TBDF02-04	004T68-31380-29	4	0.30	6.8	100	440	30	132	4.0	10.2	2.7	6.8
370-COROM3-TBDF02-06	006T68-31380-29	6	0.30	8.3	100	440	30	132	4.9	12.5	3.3	8.3
370-COROM3-TBDF02-12	012T68-31380-29	12	0.49	12.4	300	1320	90	400	7.3	18.6	4.9	12.4
370-COROM3-TBDF02-24	024T68-31380-29	24	0.49	12.4	300	1320	90	400	7.3	18.6	4.9	12.4
370-COROM3-TBDF02-72	072T68-31380-29	72	0.49	12.4	300	1320	90	400	7.3	18.6	4.9	12.4

Ribbon Plenum Cables

CORNING CABLE SYSTEMS

Ribbon plenum cables are used in intrabuilding backbones in plenum and general-purpose installations. Ribbon Plenum cables consist of 12 to 216 fibers organized into easily identifiable, 12-fiber ribbons inside a central tube. Helically stranded fiberglass rovings provide tensile strength.

A specially formulated flame-retardant outer jacket allows the design to meet the requirements of the NFPA 262 flame test for ribbon plenum cables.

FEATURES

- Listed OFNP/FT6 for plenum applications
- Available preconnectorized for easy field installation and reduced labor costs
- Easily accessible individual fibers
- Precise fiber and ribbon geometries result in excellent mass-splicing yields
- 12-fiber ribbons with readily identifiable ribbon ID numbers and fiber colors
- Compatible with standard ribbon cable procedures and hardware
- Available with Gigabit Ethernet and 10 Gigabit Ethernet performance
- Ribbon riser cables are available

50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM3-TBDF02-12	012T68-31380-29	12	0.49	12.4	300	1320	90	400	7.3	18.6	4.9	12.4
370-COROM3-TBDF02-24	024T68-31380-29	24	0.49	12.4	300	1320	90	400	7.3	18.6	4.9	12.4
370-COROM3-TBDF02-72	072T68-31380-29	72	0.49	12.4	300	1320	90	400	7.3	18.6	4.9	12.4

Fiber Solutions

8.3/125 SINGLE-MODE (OS2)
Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROS2-RIBD-12	012EC8-14101-20	12	0.49	12.4	300	1320	90	400	7.3	18.6	4.9	12.4
370-COROS2-RIBD-24	024EC8-14101-20	24	0.49	12.4	300	1320	90	400	7.3	18.6	4.9	12.4
370-COROS2-RIBD-72	072EC8-14101-20	72	0.49	12.4	300	1320	90	400	7.3	18.6	4.9	12.4

For more information contact your local sales office.

Ribbon Plenum Interconnect Cables

CORNING CABLE SYSTEMS
Corning Cable Systems Ribbon Plenum Interconnect Cables offer a perfect complement to multifiber connector strategies. Available with 8 or 12 fibers, these cables make compact, rugged patch cables.

FEATURES

- Ribbon interconnect cable available with 8- and 12-fiber ribbons
- Dielectric strength members within a flexible, flame-retardant jacket
- Meets the application requirements of the National Electrical Code (NEC Article 770)
- Listed OFNP/FT6

50/125 MULTIMODE (OM3)
Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM3-RIBIC-08	008TJ8-81180-0F	8	0.14 x 0.09	4.2 x 2.2	50	220	15	66	2.0	5.0	1.0	2.5
370-COROM3-RIBIC-12	012TJ8-T3180-0F	12	0.14 x 0.09	4.2 x 2.2	50	220	15	66	2.0	5.0	1.0	2.5

8.3/125 SINGLE-MODE (OS2)
Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROS2-RIBIC-08	008EJ8-81131-0F	8	0.14 x 0.09	4.2 x 2.2	50	220	15	66	2.0	5.0	1.0	2.5
370-COROS2-RIBIC-12	012EJ8-T3131-0F	12	0.14 x 0.09	4.2 x 2.2	50	220	15	66	2.0	5.0	1.0	2.5

For more information contact your local sales office.

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Indoor Cables

Single-fiber Riser Cables

CORNING CABLE SYSTEMS
Corning Cable Systems single-fiber riser cable uses a 900 μm TBII Buffered Fiber surrounded by aramid-yarn strength members and an improved flexible, flame-retardant jacket.

FEATURES

- Flame-retardant outer jacket
- Dielectric strength members
- TBII Buffered Fiber for easy coating removal
- Buffering diameter: 900 μm
- Approvals, listings and standards: NEC OFNR, CSA FT4, ICEA S-83-596
- Flame resistance: UL 1666 (for riser and general-purpose building applications)

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

| | | No. of | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM1-TBD-01	001K31-31130-24	1	0.11	2.9	50	220	15	66	2.0	5.0	0.55	1.5
371-COROM1-TBIC20-01	001K31-31330-24	1	0.08	2.0	50	220	15	66	2.0	5.0	0.40	1.0

50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

| | | No. of | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM3-TBIC29-01	001T31-31180-24	1	0.11	2.9	50	220	15	66	2.0	5.0	0.55	1.5
371-COROM3-TBIC20-01	001T31-31380-24	1	0.08	2.0	50	220	15	66	2.0	5.0	0.40	1.0

50/125 MULTIMODE (OM4)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm).

| | | No. of | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-COROM4-TBIC29-01	001T31-31190-24	1	0.11	2.9	50	220	15	66	2.0	5.0	0.55	1.5
371-COROM4-TBIC20-01	001T31-31390-24	1	0.08	2.0	50	220	15	66	2.0	5.0	0.40	1.0

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

| | | No. of | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-147-SMODE-1	001E31-31131-24	1	0.11	2.9	50	220	15	66	2.0	5.0	1.0	2.5
370-047-8125-01	001E31-31331-24	1	0.08	2.0	50	220	15	66	2.0	5.0	1.0	2.5

Single-fiber Plenum Cables

CORNING CABLE SYSTEMS

Corning Cable Systems single-fiber plenum cable uses a 900 μm TBII Buffered Fiber surrounded by aramid yarn-strength members and an improved flexible, flame-retardant jacket. They are ideal for interconnect applications within plenum areas.

FEATURES

- Dielectric strength members
- TBII Buffered Fiber for easy coating removal
- Buffering diameter: 900 μm
- Approvals, listings and standards: NEC OFNP, CSA FT6, ICEA S-83-596
- Flame resistance: NFPA 262 (for plenum, riser and general-purpose building applications)

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

| | | | | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | No. of Fibers | Cable O.D. | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.		(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM1-TBIC20-01	001K38-31130-29	1	0.11	2.9	50	220	15	66	2.0	5.0	0.55	1.5
370-COROM1-TBIC29-01	001K38-31330-29	1	0.08	2.0	50	220	15	66	2.0	5.0	0.40	1.0

50/125 MULTIMODE (OM3)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

| | | | | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | No. of Fibers | Cable O.D. | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.		(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM3-TBIC29-01	001T38-31181-29	1	0.11	2.9	50	220	15	66	2.0	5.0	0.55	1.5
370-COROM3-TBIC20-01	001T38-31381-29	1	0.08	2.0	50	220	15	66	2.0	5.0	0.40	1.0

50/125 MULTIMODE (OM4)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm).

| | | | | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | No. of Fibers | Cable O.D. | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.		(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROM4-TBIC29-01	001T38-31190-29	1	0.11	2.9	50	220	15	66	2.0	5.0	0.55	1.5
370-COROM4-TBIC20-01	001T38-31390-29	1	0.08	2.0	50	220	15	66	2.0	5.0	0.40	1.0

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

| | | | | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | No. of Fibers | Cable O.D. | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.		(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-COROS2-TBIC29-01	001E38-31131-29	1	0.11	2.9	50	220	15	66	2.0	5.0	1.0	2.5
370-COROS2-TBIC20-01	001E38-31331-29	1	0.08	2.0	50	220	15	66	2.0	5.0	1.0	2.5

NOTE: Also available in single-mode.

Fiber Solutions

2-fiber Zipcord Riser Cables

CORNING CABLE SYSTEMS
Corning Cable Systems Zipcord Cable utilizes two 900 μm TBII Buffered Fibers surrounded by aramid-yarn strength members with a flame-retardant jacket. The Zipcord Cable is ideal for interconnect applications and is available with approval for TEMPEST applications.

FEATURES

- Flame-retardant outer jacket
- Dielectric strength members
- TBII Buffered Fiber for easy coating removal
- Buffering diameter: 900 μm
- Approvals and listings: NEC OFNR, CSA FT4, ICEA S-83-596
- Flame resistance: UL 1666 (for riser and general building applications)
- Not compatible with MT-RJ connectors

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-COROM1-ZIP2.0-02	002K51-31130-24	2	0.11 x 0.22	2.8 x 5.6	50	220	15	66	2.0	5.0	0.55	1.4

50/125 MULTIMODE (OM2)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-COROM2-ZIP2.8-02	002T51-31131-24	2	0.11 x 0.22	2.8 x 5.6	50	220	15	66	2.0	5.0	0.55	1.4

50/125 MULTIMODE (OM3)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-COROM3-ZIP2.8-02	002T51-31180-24	2	0.11 x 0.22	2.8 x 5.6	50	220	15	66	2.0	5.0	0.55	1.4

50/125 MULTIMODE (OM4)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-COROM4-ZIP2.8-02	002T51-31190-24	2	0.11 x 0.22	2.8 x 5.6	50	220	15	66	2.0	5.0	0.55	1.4

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-147-SMODE-2	002E51-31131-24	2	0.11 x 0.22	2.8 x 5.6	50	220	15	66	2.0	5.0	1.0	2.5

Fiber Solutions

Application Notes

Zipcord duplex, dual-subunit duplex and simplex jumper cordage require no breakout kit for connectorization. Jacket O.D. on the individual units is 1.6 to 2.8 mm. Round duplex jumper cordage typically used for duplex connector cable assemblies (i.e., FDDI, MT-RJ) requires a breakout kit only if the other end of the cable assembly is to be connectorized with simplex connectors (ST, FC, etc.). No breakout kit is used if round duplex cordage is to be connectorized at both ends with a duplex connector. Note: One side of zipcord is printed the entire length to identify fiber #1 from #2.

2-fiber Zipcord Plenum Cables

CORNING CABLE SYSTEMS

Corning Cable Systems Zipcord Cable utilizes two 900 μm TBII Buffered Fibers surrounded by aramid-yarn strength members with a flexible, flame-retardant jacket. The Zipcord Cable is ideal for interconnect applications within plenum areas.

FEATURES

- Dielectric strength members
- TBII Buffered Fiber for easy coating removal
- Buffering diameter: 900 μm
- Approvals and listings: NEC OFNP, CSA FT6, ICEA S-83-596
- Flame resistance: NFPA 262 (for plenum, riser and general building applications)

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-148-62SJ-2	002K58-31141-24	2	0.11 x 0.22	2.8 x 5.6	50	220	15	66	2.0	5.0	0.55	1.4

50/125 MULTIMODE (OM2)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM2-ZIP2.0-02	002T58-31331-24	2	0.07 x 0.14	2.0 x 4.0	50	220	15	66	2.0	5.0	0.40	1.0

50/125 MULTIMODE (OM3)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM3-ZIP2.0-02	002T58-31380-24	2	0.07 x 0.14	2.0 x 4.0	50	220	15	66	2.0	5.0	0.40	1.0

50/125 MULTIMODE (OM4)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM4-ZIP2.8-02	002T58-31190-24	2	0.11 x 0.22	2.8 x 5.6	50	220	15	66	2.0	5.0	0.55	1.4

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-148-SMODE-2	002E58-31131-24	2	0.11 x 0.22	2.8 x 5.6	50	220	15	66	2.0	5.0	1.0	2.5

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Indoor Cables

Reel in a Box Plenum 2-fiber Zipcord

CORNING CABLE SYSTEMS

Reel in a Box is Corning Cable Systems innovative packaging solution for small reels of fiber optic cable in all inside-plant applications, such as colocation data centers and wireless projects. This packaging solution provides features that enable our customers greater efficiencies than before.

Corning Cable Systems Zipcord Cables are designed for interconnect applications. Two 900 μm TBII Buffered Fibers are surrounded by aramid-yarn strength members and a flame-retardant jacket. This cable design offers mechanical durability and flame resistance that meet the requirements of the National Electrical Code (NEC) Article 770.

FEATURES

- Flame-retardant outer jacket
- Dielectric strength members
- TBII Buffered Fiber for easy coating removal
- Buffering diameter: 900 μm
- Approvals and listings: NEC OFNP, CSA FT6, ICEA S-83-596
- Flame resistance: NFPA 262 (for plenum, riser and general building applications)

62.5/125 MULTIMODE (OM1)

Maximum attenuation: 3.4/1.0 MHz•km (850/1300 nm); minimum LED: 200/500 MHz•km (850/1300 nm); effective modal bandwidth: 220 MHz•km (850 nm); serial Gigabit Ethernet distance: 300/550 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM1-ZP20RB-02	002K58-31330-B2	2	0.07 x 0.14	2.0 x 4.0	50	220	15	66	2.0	5.0	0.40	1.0

50/125 MULTIMODE (OM2)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED: 700/500 MHz•km (850/1300 nm); effective modal bandwidth: 950 MHz•km (850 nm); serial Gigabit Ethernet distance: 750/600 m (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM2-ZP20RB-02	002T58-31331-B2	2	0.07 x 0.14	2.0 x 4.0	50	220	15	66	2.0	5.0	0.40	1.0

50/125 MULTIMODE (OM3)

Maximum attenuation: 2.8/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 1500/500 MHz•km (850/1300 nm); effective modal bandwidth: 2000 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,000/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 300 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM3-ZP20RB-02	002T58-31380-B2	2	0.07 x 0.14	2.0 x 4.0	50	220	15	66	2.0	5.0	0.40	1.0

50/125 MULTIMODE (OM4)

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); minimum LED bandwidth: 3500/500 MHz•km (850/1300 nm); effective modal bandwidth: 4700 MHz•km (850 nm); serial Gigabit Ethernet distance guarantee: 1,100/600 m (850/1300 nm); serial 10 Gigabit Ethernet distance guarantee: 550 m (850 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROM4-ZP20RB-02	002T58-31390-B2	2	0.07 x 0.14	2.0 x 4.0	50	220	15	66	2.0	5.0	0.40	1.0

8.3/125 SINGLE-MODE (OS2)

Maximum attenuation: 0.65/0.5 dB/km (1310/1550 nm); serial Gigabit Ethernet distance: 5,000 m (1310 nm).

| Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-COROS2-ZP20RB-02	002E58-31380-B2	2	0.07 x 0.14	2.0 x 4.0	50	220	15	66	2.0	5.0	1.0	2.5

Application Notes

Selecting Fiber Buffer Tube Fan-out Kits

Buffer Tube Fan-out (BTF) kits offer a cost-effective breakout method for the direct connectorization of the 250 μm fibers found in loose-tube fiber optic cables. The kit consists of the BTF body for 2.4 to 3.0 mm-diameter loose tubes and 6- or 12-fiber, 900 μm, color-coded, fan-out tube assemblies 25 or 47 inches long. The BTF body clips directly to the loose-buffer tube containing the outdoor fiber. The number of fan-out kits required is determined by the fiber count of the cable to be installed. The loose-tube designs generally use 12 fibers per tube.

Contact your local sales representative for available specifications.

Buffer Tube Fan-out Kits

CORNING CABLE SYSTEMS
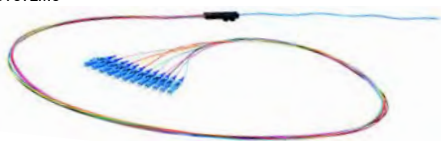
Corning Cable Systems Indoor and Outdoor Buffer Tube Fan-out Kits are specifically designed for the termination of 6- and 12-fiber buffer tubes. These buffer tube fan-out kits provide the ultimate solution for those users who want to field-install connectors. The kits provide the most compact, easy-to-install fan-out solution requiring no additional hardware or space than that for terminating tight-buffered cables. Indoor and outdoor kits feature a 900 μm fan-out assembly that is color-coded to match the fiber color scheme. The fan-out assembly is available with 6- or 12-fiber units in lengths of 25, 36 or 47 inches. These different lengths provide the installer the flexibility needed for a variety of hardware options.

FEATURES

- Eliminates strain on fibers by isolating them from tensile forces
- Colored fan-out tubing
- Snap-together furcation unit eliminates epoxy for indoor kits
- Compact design
- Quick and easy to install
- Excellent fiber-routing capabilities
- Bend-radius protection designed into each unit
- Outdoor kits include additional elements that compensate for wider temperature fluctuations common in outdoor environments
- Indoor temperature range: 0° to +70°C
- Outdoor temperature range: -40° to +70°C

APPLICATIONS

Field-termination of loose-tube cables at indoor or outdoor cross-connects

INDOOR BUFFER TUBE FAN-OUT KITS
Indoor temperature range 0° to +70°C.

Anixter No.	Vendor No.	Description
152285	FAN-BT25-06	25 in. long, six fibers per tube
170433	FAN-BT36-06	36 in. long, six fibers per tube
152287	FAN-BT47-06	47 in. long, six fibers per tube
152286	FAN-BT25-12	25 in. long, 12 fibers per tube
189218	FAN-BT36-12	36 in. long, 12 fibers per tube
152288	FAN-BT47-12	47 in. long, 12 fibers per tube

OUTDOOR BUFFER TUBE FAN-OUT KITS
Outdoor temperature range -40° to +70°C.

Anixter No.	Vendor No.	Description
179221	FAN-OD25-06	25 in. long, six fibers per tube
267519	FAN-OD47-06	47 in. long, six fibers per tube
222421	FAN-OD25-12	25 in. long, 12 fibers per tube
265900	FAN-OD47-12	47 in. long, 12 fibers per tube

CABLE CLEANER

Anixter No.	Vendor No.	Description
196997	FC-45-1	45 towelettes (6 in. x 7.75 in.) in a "pop-up" canister (6.75 in. H x 4.0 in. W)

To order a Buffer Tube Fan-out Kit, first determine the length of tubing required for connector termination, either 25 in. or 47 in. Note: 47 in. is only recommended if installing into FDC Connector Modules; 25 in. is recommended for Connector Panels and wall-mount hardware. Next, determine the number of fibers per buffer tube. Use one kit per tube per cable end.

Ribbon Fan-out Kits

CORNING CABLE SYSTEMS

Corning Cable Systems Ribbon Fan-out Kits are specifically designed for the termination of 12-fiber bare or jacketed ribbons. These fan-out kits provide the ultimate solution for those users who want to field-install connectors. The kits provide the most compact, easy-to-install fan-out solution requiring no additional hardware or space than that for terminating tight-buffered cables.

The Ribbon Fan-out Kit features a 900 μm fan-out assembly that is color-coded to match the fiber color scheme.

FEATURES

- Snap-together furcation unit eliminates epoxy
- Compact design
- Quick and easy to install
- Optimized for field-termination of cables
- Excellent fiber-routing capabilities
- Bend radius protection designed into each unit

APPLICATIONS

Field termination of ribbon cables at indoor cross-connects

Anixter No.	Vendor No.	Description
203693	RIB-FAN-12	25 in.
312978	RIB-FAN-12-36	36 in.

Fan-out Kits

Fiber Solutions

Spider Fan-out Kits

CORNING CABLE SYSTEMS

Corning Cable Systems Spider Fan-out Kits offer a modular solution for low-cost furcation. With the fan-out kit base housing, you can use the 6-fiber inserts to create a customized solution of 6-, 12-, 18- or 24-fiber furcation. They are designed for factory and field furcation of loose-tube nonarmored cables or tight-buffered cables into 2.0 mm or 2.9 mm jacketed legs with cable diameter sizes of 4.6 mm up to 15.7 mm, and they eliminate the need for patch panels. Composed of an inner tube, an aramid-yarn strength member and an outer protective PVDF jacket, the fan-out tubing provides three layers of protection. The fan-out insert then snaps into the main spider housing. When all the inserts have been loaded, the outer housing is installed to complete the assembly.

FEATURES

- Low cost
- Craft-friendly
- Modular, compact design
- No special tools or heat-shrinks
- Field or factory termination
- Cost-effective for splicing and terminating hardware
- Nonmetallic/high-strength, rugged, composite material

APPLICATIONS

Field termination of tight-buffered or loose-tube cables when patch panels are not used

To manufacture field or factory multifiber jumpers or patch cords

BASE UNITS

Anixter No.	Vendor No.	Description
449966	SFK-BASE-2SLOT	2-slot base unit
447047	SFK-BASE-4SLOT	4-slot base unit

SPIDER FAN-OUT INSERTS (SINGLE-FIBER TUBES)

Anixter No.	Vendor No.	Description	Color
499436	INS-06F-250-3-A	Six tubes, 250 μm, 3 mm	Aqua
446916	INS-06F-250-3-O	Six tubes, 250 μm, 3 mm	Orange
446917	INS-06F-250-3-Y	Six tubes, 250 μm, 3 mm	Yellow
446918	INS-06F-900-3-A	Six tubes, 900 μm, 3 mm	Aqua
446919	INS-06F-900-3-O	Six tubes, 900 μm, 3 mm	Orange
446920	INS-06F-900-3-Y	Six tubes, 900 μm, 3 mm	Yellow

CABLE CLEANER

Anixter No.	Vendor No.	Description
196997	FC-45-1	45 towelettes (6 in. x 7.75 in.) in a "pop-up" canister (6.75 in. H x 4.0 in. W)

Contact your local sales representative for information on additional fiber counts.

TOOL KITS

Anixter No.	Vendor No.	Description
170006	TKT-UNICAM	UniCam Standard Performance connector installation kit
347845	TKT-UNICAM-PFC	UniCam High-performance Tool Kit

For more information, contact your local sales representative.

UniCam Connector Organizer Packs

CORNING CABLE SYSTEMS

Organizer packs are packs of 25 unassembled UniCam Connectors that include the connector assembly and 900 micron boot only. If you need to install the UniCam connectors on 3 mm, 2 mm or 1.6 mm cables then you must order the single packs.

Add a "Z" to the end of any UniCam part number and get an organizer pack of 25 connectors to install on 900 micron fiber.

UNICAM STANDARD PERFORMANCE CONNECTORS

ST Compatible Connectors

Anixter No.	Vendor No.	Description
347921	95-000-50-Z	62.5 μm, OM1, organizer pack
347922	95-050-50-Z	50 μm, OM2, organizer pack

SC

Anixter No.	Vendor No.	Description
348177	95-000-40-Z	62.5 μm, OM1, organizer pack, 25/pk
348182	95-050-40-Z	50 μm, OM2, organizer pack

UNICAM HIGH-PERFORMANCE CONNECTORS

ST Compatible Connectors

Anixter No.	Vendor No.	Description
347926	95-000-51-Z	62.5 μm, OM1, organizer pack, 25/pk
347925	95-050-51-Z	50 μm, OM3, organizer pack, 25/pk
347924	95-050-51-X-Z	50 μm, OM3, organizer pack, 25/pk
347931	95-200-52-Z	SM, OS2

SC

Anixter No.	Vendor No.	Description
347919	95-000-41-Z	62.5 μm, OM1, organizer pack, 25/pk
347920	95-050-41-Z	50 μm, OM2, organizer pack, 25/pk
347929	95-200-42-Z	SM, OS2

LC

Anixter No.	Vendor No.	Description
348027	95-000-99-Z	62.5 μm, OM1, organizer pack, 25/pk
348026	95-050-99-Z	50 μm, OM2, organizer pack, 25/pk
348025	95-050-99-X-Z	50 μm, OM3, organizer pack, 25/pk
347927	95-200-99-Z	Single-mode, organizer pack, 25/pk

UniCam High-performance Multimode Connectors
LC, SC, ST Compatible

CORNING CABLE SYSTEMS

With UniCam High-performance Multimode Connectors, best-in-class optical performance is available in a fast, easy, field-termination solution. These patented, high-precision, ceramic ferrule, multimode connectors guarantee a 0.1 dB-typical/ 0.5 dB-maximum insertion loss per connector pair for exceptional network performance. And with the UniCam High-performance Tool Kit (TKT-UNICAM-PFC), an LC, SC or ST Compatible connector can easily be installed in about 45 seconds. The lightweight, handheld installation tool and the high-performance cleaver virtually eliminate human variability from installation: Corning products ensures terminations are performed right, the first time, every time. Every UniCam Connector is 100 percent guaranteed, by Corning, to meet the published specification at the time of installation, or Corning Cable Systems will replace it.

FEATURES

- Typical insertion loss of 0.1 dB and maximum insertion loss of 0.5 dB for best-in-class optical performance
- Broad operating-temperature range (-40° to +75° C) for true utility and flexibility
- The UniCam High-performance Tool Kit virtually eliminates human variability in installation, with consistent, reliable results
- Available in single packs for installation on 3 mm, 2 mm, 1.6 mm and 900 micron cable
- UniCam Connector organizer packs are available for installation on 900 micron only. Organizer pack includes connector assembly and 900 micron boot only
- 100 percent guaranteed by Corning (UniCam Connectors are guaranteed to meet the published specifications at the time of installation)

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Fiber Solutions

(continued)   UniCam High-performance Multimode Connectors
LC, SC, ST Compatible

UNICAM HIGH-PERFORMANCE INSTALLATION TOOL KIT

APPLICATIONS

Main cross-connect, intermediate cross-connect, horizontal cross-connect
Ideal for fiber-to-the-workstation applications where installation setup and teardown times are critical
Anywhere low-loss connectivity is critical
Data centers

LC CONNECTORS

UniCam High-performance LC Connectors. Organizer packs are for 900 μm installation only and packs of 25 unassembled UniCam Connectors separated into components. Single packs contain the strain relief for installation on 3 mm, 2 mm, 1.6 mm and 900 micron cable.

Anixter No.	Vendor No.	Description
338911	95-050-99-X	50 μm, OM3, single pack
348025	95-050-99-X-Z	50 μm, OM3, organizer pack, 25/pk
338910	95-050-99	50 μm, OM2, single pack
348026	95-050-99-Z	50 μm, OM2, organizer pack, 25/pk
338909	95-000-99	62.5 μm, OM1, single pack
348027	95-000-99-Z	62.5 μm, OM1, organizer pack, 25/pk

SC CONNECTORS

UniCam High-performance SC Connectors. Organizer packs are packs of 25 unassembled UniCam Connectors separated into components.

Anixter No.	Vendor No.	Description
338903	95-050-41-X	50 μm, OM3, single pack
347923	95-050-41-X-Z	50 μm, OM3, organizer pack, 25/pk
338904	95-050-41	50 μm, OM2, single pack
347920	95-050-41-Z	50 μm, OM2, organizer pack, 25/pk
338894	95-000-41	62.5 μm, OM1, single pack
347919	95-000-41-Z	62.5 μm, OM1, organizer pack, 25/pk

ST COMPATIBLE CONNECTORS

UniCam High-performance ST compatible connectors. Organizer packs are packs of 25 unassembled UniCam Connectors separated into components.

Anixter No.	Vendor No.	Description
338912	95-050-51-X	50 μm, OM3, single pack
347924	95-050-51-X-Z	50 μm, OM3, organizer pack, 25/pk
338901	95-050-51	50 μm, single pack
347925	95-050-51-Z	50 μm, OM3, organizer pack, 25/pk
338897	95-000-51	62.5 μm, OM1, single pack
347926	95-000-51-Z	62.5 μm, OM1, organizer pack, 25/pk

Anixter No.	Vendor No.	Description
347845	TKT-UNICAM-PFC	UniCam High-performance Tool Kit

UniCam High-performance Single-mode Connectors
LC, SC, ST Compatible

CORNING CABLE SYSTEMS

With UniCam high-performance single-mode connectors, best-in-class optical performance is available in a fast, easy, field-termination solution for single-mode fibers. These patented, high-precision LC, SC and ST compatible single-mode connectors offer an outstanding 0.2 dB typical/0.5 dB maximum insertion loss per connector pair.

Installation is as easy as strip, clean, cleave, cam and crimp - with exceptional optical performance guaranteed. Every UniCam Connector is 100 percent guaranteed to meet the published specification at the time of installation, or Corning Cable Systems will replace it.

SPECIFICATIONS

1. Typical insertion loss: 0.2 dB
2. Maximum insertion loss: 0.5 dB
3. Reflectance (dB): PC -55

FEATURES

- Typical insertion loss of 0.2 dB and maximum insertion loss of 0.5 dB for best-in-class optical performance, when installed using the UniCam High-performance Tool Kit
- Broad operating temperature range (-40° to $+75$° C) for true utility and flexibility, when installed using the UniCam High-performance Tool Kit
- The UniCam High-performance Tool Kit virtually eliminates human variability in installation, ensuring consistent, reliable results
- Available in single packs for installation on 3 mm, 2 mm, 1.6 mm and 900 micron cable
- The UniCam Connector organizer packs for installation on 900 micron only. Organizer pack includes connector assembly and 900 micron boot only
- 100 percent factory tested for insertion loss
- 100 percent guaranteed (UniCam Connectors are guaranteed to meet the published specification at the time of installation)

APPLICATIONS

Local area networks, including main cross-connect, intermediate cross-connect, horizontal cross-connect
Ideal for fiber-to-the-workstation applications where installation setup and teardown times are critical
Anywhere low-loss connectivity is critical
Data centers

Fiber Solutions

Connectors

LC CONNECTORS

Organizer packs are packs of 25 unassembled UniCam Connectors separated into components.

Anixter No.	Vendor No.	Description
338908	95-200-99	Single-mode, single pack
347927	95-200-99-Z	Single-mode, organizer pack, 25/pk

SC CONNECTORS

Anixter No.	Vendor No.	Description
338895	95-200-41	Single-mode, single pack
347928	95-200-41-Z	Single-mode, organizer pack, 25/pk
360136	95-200-44	APC polish, single pack
374610	95-200-44-Z	APC polish, organizer pack, 25/pk

ST COMPATIBLE CONNECTORS

Anixter No.	Vendor No.	Description
338899	95-200-51	Single-mode, single pack
347930	95-200-51-Z	Single-mode, organizer pack, 25/pk

UNICAM CONNECTOR INSTALLATION TOOL KIT

Anixter No.	Vendor No.	Description
347845	TKT–UNICAM–PFC	UniCam High-performance Tool Kit

UniCam Standard Performance Multimode Connectors (SC and ST Compatible)

CORNING CABLE SYSTEMS

With proven UniCam Connector technology, fiber terminations are easy. The Corning Cable Systems-patented, high-precision, mechanical splice technology enables fiber optic networks to be installed quickly and cost-effectively. The patented Corning Cable Systems Continuity Test Set (CTS) allows the installer to verify that the installation is performed right, the first time, every time. Insert the fiber, rotate the cam and watch the light change, giving you confidence in every connector installed. Installation is as easy as strip, clean, cleave, cam and crimp.

FEATURES

- Fast-termination, high-installation yields and no consumables means lowest installed cost
- Continuity Test Set gives immediate go/no-go feedback of successful termination
- Available in single packs for installation on 3 mm, 2 mm, 1.6 mm and 900 micron cables
- Standard UniCam Connector organizer packs for installation on 900 micron only. Organizer pack includes connector assembly and 900 micron boot only
- Quick installation: less than one minute per connector
- No epoxy, no polish
- No need for electrical power for ovens or lights
- Factory-polished end-face for consistent optical performance and factory quality
- 100 percent factory tested for insertion loss
- 100 percent guaranteed by Corning (Standard UniCam Connectors are guaranteed to meet the published specification at the time of installation)
- Reliable, proven technology with more than 40 million units sold

APPLICATIONS

Local area networks, including main cross-connect, intermediate cross-connect, horizontal cross-connect

Maintenance and restoration of building cable

Ideal for fiber-to-the-workstation applications where installation setup and teardown times are critical

SC CONNECTORS

Organizer packs are packs of 25 unassembled Standard UniCam Connectors separated into components.

Anixter No.	Vendor No.	Description
338896	95-000-40	62.5 μm, OM1, single pack
348177	95-000-40-Z	62.5 μm, OM1, organizer pack, 25/pk
338905	95-050-40	50 μm, OM2, single pack
348182	95-050-40-Z	50 μm, OM2, organizer pack

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Connectors

(continued) UniCam Standard Performance Multimode Connectors
(SC and ST Compatible)

ST COMPATIBLE CONNECTORS

Organizer packs are packs of 25 unassembled Standard UniCam Connectors separated into components.

Anixter No.	Vendor No.	Description
338898	95-000-50	62.5 μm, OM1, single pack
347921	95-000-50-Z	62.5 μm, OM1, organizer pack
338906	95-050-50	50 μm, OM2, single pack
347922	95-050-50-Z	50 μm, OM2, organizer pack

UNICAM CONNECTOR INSTALLATION TOOL KITS

Anixter No.	Vendor No.	Description
347845	TKT-UNICAM-PFC	UniCam High-performance Tool Kit
170006	TKT-UNICAM	UniCam Standard Performance connector installation kit

UniCam MTP Connectors

CORNING CABLE SYSTEMS

The Corning Cable Systems UniCam MTP Connector is the latest innovation in the proven UniCam Connector family. It is the first no-epoxy/no-polish, field-installable 12-fiber connector in the industry. It is the ideal solution for applications using 12-fiber ribbons. The UniCam MTP Connector utilizes the same reliable, proven, no-epoxy/no-polish technology as all other Corning Cable Systems UniCam Connectors. Unlike other field-installable connectors, the UniCam MTP Connector requires no polishing. The UniCam MTP Connector installs with the same push-pull reliability as the familiar SC connector.

SPECIFICATIONS
1. Insertion loss 0.5 dB average, 1.0 dB maximum
2. Reflectance -20 dB for MM, -65 dB for SM
3. Temperature cycling 0.3 dB change, -40° to +75° C; 21 cycles
4. Interconnect compatibility ANSI/TIA-604-5 (FOCIS)

FEATURES
- High-density termination replaces 12 single-fiber connectors
- Keyed for proper insertion
- Meets ANSI/TIA-604-5 (FOCIS)
- Color-coded, single-mode housings. All adapters are black
- Push-pull operation

- Alignment achieved with precision guide pins
- Terminates jacketed or bare 12-fiber ribbons in less than five minutes
- IEEE-802.3, Fibre Channel
- RoHS-compliant product available

APPLICATIONS
Direct termination of ribbon cables
Repair of Plug & Play Universal Systems Solutions trunk cables
Parallel optical interconnects between servers

UNICAM MTP CONNECTORS

Anixter No.	Vendor No.	Description
327595	93-001-69	MM for 62.5 μm fiber, beige housing and black boot, no pins
327598	93-001-70	MM for 62.5 μm fiber, beige housing and black boot, with pins
251474	93-051-69	MM for 50 μm fiber, black housing and black boot, no pins
327597	93-051-69-X	MM for laser-optimized 50 μm fiber, black housing and aqua boot, no pins
327599	93-051-70	MM for 50 μm fiber, black housing and black boot, with pins
327600	93-051-70-X	MM for laser-optimized 50 μm fiber, black housing and aqua boot, with pins
327601	93-201-69	SM fiber, green housing and green boot, no pins
327602	93-201-70	SM fiber, green housing and green boot, with pins

UNICAM MTP CONNECTOR INSTALLATION TOOL KIT

Anixter No.	Vendor No.	Description
305588	TKT-UNICAM-MTP	UniCam MTP Connector Installation Tool Kit

Anaerobic-cure Connectors

CORNING CABLE SYSTEMS

Corning Cable Systems Anaerobic-cure single-mode and multimode connectors combine the quick-cure convenience of anaerobic adhesive with the performance of epoxy and polish connectors. Connectors are installed in minutes, yet provide unparalleled performance for years.

The anaerobic adhesive uses a two-part epoxy process. The adhesive is first injected into the connector ferrule. The fiber is dipped into the primer and inserted into the connector. Curing takes one minute without the use of lamps or ovens.

FEATURES
- Installs without index-matching gel
- Minimal tools required
- Hand polish; doesn't require polishing machine
- Doesn't require electrical power to install
- Low material cost
- Average insertion loss of 0.2 dB with physical contact polish
- RoHS-compliant product available

APPLICATIONS
Installations requiring field-installed connectors
Fiber-to-the-desk or fiber-to-the-machine
Enterprise networks

MULTIMODE CONNECTORS

Anixter No.	Vendor No.	Description
282071	95-051-41-SP	SC, 50 μm, OM2, single pack
383135	95-051-41-SP-X	SC, 50 μm, OM3, single pack
282040	95-101-41-SP	SC, 62.5 μm, OM1, single pack
286235	95-051-52-SP	ST, 50 μm, OM2, single pack
282038	95-101-52-SP	ST 62.5 μm, OM1, single pack
282086	95-051-98-SP	LC, 50 μm, OM2, single pack
383137	95-051-98-SP-X	LC, 50 μm, OM3, single pack
282085	95-101-98-SP	LC, 62.5 μm, OM1, single pack

SINGLE-MODE CONNECTORS

Anixter No.	Vendor No.	Description
282037	95-201-52-SP	ST compatible single-mode connector, single pack
282039	95-201-41-SP	SC single-mode connector, single pack
282073	95-201-98-SP	LC single-mode connector, single pack

ANAEROBIC-CURE CONNECTORS INSTALLATION TOOL KITS

Anixter No.	Vendor No.	Description
286318	TKT-ANAEROBIC2	Anaerobic-cure connectors installation tool kit for SM/MM and anaerobic connectors
286319	TKT-ANAEROBIC2-C	Anaerobic-cure connectors consumables kit for anaerobic connectors with consumables including polishing paper and adhesive, for 600 connectors

Boot color:
50 μm: black boots
50 μm LOMMF: aqua boots
62.5 μm: beige boots
Single-mode: blue boots
All ST Compatible, SC and FC connectors come with 3 mm, 2 mm and 900 μm boots. LC connectors come with 900 μm and combination 2 mm/1.6 mm boots.

Keyed LC Connector Solution
CORNING CABLE SYSTEMS

Corning Cable Systems Keyed LC Connector Solution provides mechanical network security in optical fiber cabling, utilizing the LC small-form-factor (SFF) format. Based on the standard LC single-fiber connector, the keyed LC solution provides physical separation for up to four networks, applications or organizations. Four color-coded key combinations prevent inadvertent or unauthorized access to networks and provide fast and easy network identification. On the front and back of the patch panel, keyed connectors and adapters are used to match access rights to the proper network. The key features in the connector and adapter cannot be duplicated with standard LC components, preventing violation of network security. The small-form-factor LC connector allows high-density deployments in less space than SC or ST Compatible connectors and supports up to 288 fibers in a 4U rack-mountable housing.

APPLICATIONS
Department of Defense installations
Secure government facilities
Research labs
Organizations with a desire to segregate networks due to privacy or security concerns

A full solution is available, from factory-installed keyed LC connectors for assemblies and Plug & Play Universal modules, to field-installable UniCam Connectors and anaerobic keyed LC connectors, to adapters loaded into standard LANscape Solutions panels and modules.
For more information, contact your local sales representative.

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Closet Connector Housings (CCH)

CORNING CABLE SYSTEMS

Corning Cable Systems Closet Connector Housings (CCHs) offer more than two dozen innovative features that make installation and troubleshooting of fiber optic connectivity faster, easier and more cost effective. From fiber and cable routing and strain relief, to port labeling and termination, these housings reduce the risk of error that can disrupt networks. With the use of the new CCH Splice Cassettes (CCH-CS) each housing can be converted to a splice housing that utilizing the housing's full fiber capacity without taking up extra rack space.

Closet Connector Housings (CCHs) provide interconnect or cross-connect capabilities between outside plant, riser or distribution cables and opto-electronics. Like all LANscape Solutions hardware, the housings accept CCH connector panels. In addition, the housings accept CCH cassettes and CCH modules. The units are designed for rack mounting in 19 in. (48 cm) racks or optional 23 in. (58 cm) equipment racks (1.75 in. EIA hole spacing). The 1U, 2U and 3U options feature a slide-out tray and see-through, removable top covers. The CCH-04U features a clear door, removable front and rear enclosures and a platinum-painted interior for maximum visibility and access.

Every CCH housing is shipped complete with strain-relief brackets, routing clips and guides and mounting brackets for proper installation. Documentation labels are provided and components can be added as needed to construct a fiber distribution frame for any application. All housings include a removable tinted polycarbonate front door. All size housings have field-installable lock kits available for both front and rear doors.

CLOSET CONNECTOR HOUSINGS (CCH)

Anixter No.	Vendor No.	Description
180626	CCH-01U	1-rack unit, accepts up to two CCH panels, cassettes or modules; comes with blank panels and hardware to strain-relieve cables internally or externally
180627	CCH-02U	2-rack units, accepts up to four CCH panels, cassettes or modules; comes with blank panels and hardware to strain-relieve cables internally or externally

Anixter No.	Vendor No.	Description
180628	CCH-03U	3-rack units, accepts up to six CCH panels, cassettes or modules; comes with blank panels and hardware to strain-relieve cables internally or externally
180420	CCH-04U	4-rack units, accepts up to 12 CCH panels, cassettes or modules; comes with blank panels and hardware to strain-relieve cables internally or externally

STRAIN-RELIEF BRACKET

Anixter No.	Vendor No.	Description
463106	CCH1-STRN-EXT	External, for the CCH-01U, CCH-02U, CCH-03U
502242	CCH1-STRN-INT	Internal, for the CCH-01U, CCH-02U, CCH-03U
499026	CCH4-STRN-EXT	External, for the CCH-04U
499027	CCH4-STRN-INT	Internal, for the CCH-04U
499028	CCHA-CLIP-BTF-2	Intermediate, for CCH-01U, CCH-02U, CCH-03U, CCH-04U (two per pack)

ACCESSORIES

Anixter No.	Vendor No.	Description
462936	CCHA-LOCK-KIT	Hardware lock kit, compatible with CCH housings, front and rear doors
180418	CJP-01U	Closet jumper management panel; provides jumper management in a 1.75 in. rack space
180419	CJP-02U	Closet jumper management panel; provides jumper management in a 3.5 in. rack space
499029	CCH1-LABEL-CARD-20	Plastic label cards for CCH-01U, CCH-02U, CCH-03U; 20 per pack
499031	CCH4-LABEL-CARD-20	CCH4 plastic label cards for CCH-04U; 20 per pack
499032	CCHA-LABEL-PNL-50	Additional Label Kit for the CCH; contains 50 labels

Connector panels and modules must be ordered separately.

Closet Connector Housings Cassettes

CORNING CABLE SYSTEMS

CCH cassettes enable fast field termination and easy modular management of connectorization within the housing. The CCH Splicing Cassette supports fusion splicing of individual or ribbon fibers, with heat shrinks, pigtail slack and cable slack managed within a single space-saving footprint. This eliminates the need for individual splice trays or separate splice housings, as well as allowing splicing to be done away from the rack housing in a suitable workspace as needed. The modular design makes it easy to access the fiber in an individual cassette without disturbing the other fibers in the housing. A CCH panel with the desired adapter configuration can be ordered separately and fits easily into the cassette. A CCH Slack Cassette option with no splice tray, suitable for use with field-installable connectors, is also available.

Each cassette is shipped with one rail for use with CCH-01U/2U/3U housings, and two rails used with CCH-04U housings. Grommets and cable ties for strain relief, and protective braided tubing for incoming cable, are also included. Splicing cassettes ship with 12 single-fiber heat-shrink splice protectors. CCH cassettes can only be used in CCH housings.

Anixter No.	Vendor No.	Description
459349	CCH-CS	CCH Splicing Cassette; accepts one CCH Panel and up to 24 single-fiber or six ribbon heat-shrink splice protectors; comes with 12 60 mm single-fiber heat-shrink splice protectors
463213	CCH-CF	CCH Slack Storage Cassette; accepts one CCH Panel and provides modular slack storage for direct factory or field termination of incoming (e.g., distribution) cables

> Connector panels must be ordered separately from the cassettes. CCH Cassettes can only be used in CCH rack-mountable hardware.

Closet Connector Housing Pigtailed Splice Cassettes

CORNING CABLE SYSTEMS

CCH Pigtail Splice Cassettes enable faster field splicing and easy modular management of connectorization within the housing. The CCH Pigtail Splice Cassettes are preloaded and prerouted for quick fusion splicing, of either individual or ribbon fiber pigtails, and utilizes the same space-saving platform as the standard CCH Splice Cassette. The prerouted Pigtail Cassettes reduce field labor by streamlining the features and components of the pigtail cassette to allow for efficiencies in the field. They are prepped with a 3 m pigtail assembly with all pre-existing CCH panel connector options. The Pigtail Cassettes have 900 μm at the connector panel for added durability and colored 250 μm for ease of splicing as well as having strain relief preapplied to the assemblies from the manufacturing facility.

Each pigtail cassette is shipped with the pigtail CCH panel of choice, one rail for use with CCH-01U/2U/3U housings and two rails used with CCH-04U housings. Grommets and cable ties for additional strain relief and protective braided tubing for incoming cable are also included. Splicing cassettes ship with 12-single fiber heat-shrink splice protectors.

12 FIBER
Loaded with CCH panel and factory-terminated pigtails, single fiber splicing.

Anixter No.	Vendor No.	Description
474219	CCH-CS12-59-P00RE	SC duplex, SM/UPC (OS2)
474221	CCH-CS12-6T-P00RE	ST compatible, SM/UPC (OS2)
474222	CCH-CS12-A9-P00RE	LC duplex, SM/UPC (OS2)
463218	CCH-CS12-E4-P00TE	LC duplex, 50 μm multimode (OM3)

24 FIBER
Loaded with CCH panel and factory-terminated pigtails, single fiber splicing.

Anixter No.	Vendor No.	Description
474223	CCH-CS24-A9-P00RE	LC duplex, SM/UPC (OS2)
474218	CCH-CS24-E4-P00TE	LC duplex, 50 μm multimode (OM3)

> CCH Pigtail Splice Cassettes are highly configurable. If you don't see what you are looking for here please contact your local sales representative.

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Rack-mountable Hardware

Closet Connector Housing Panels (CCH-CP)

CORNING CABLE SYSTEMS

Corning Cable Systems Closet Connector Housing Panels (CCH-CP) are offered in a variety of fiber counts for use with LANscape Solutions hardware products for a "one-size-fits-all" approach. Used with factory-installed or field-installable connectors, these panels provide interconnect or cross-connect capability in a housing at main cross-connects, intermediate cross-connects, telecommunication rooms or work areas. Available with a variety of industry-standard adapter types, the CCH-CP provides an efficient way to securely mate two connectors for both multimode and single-mode applications.

6-FIBER CLOSET CONNECTOR HOUSING PANELS: SC ADAPTER (SIMPLEX)

Anixter No.	Vendor No.	Description
227053	CCH-CP06-3C	Single-mode (OS2), UPC
269782	CCH-CP06-6C	Angle polish, single-mode (OS2)
180704	CCH-CP06-56	62.5 μm multimode
482379	CCH-CP06-G6	50 μm multimode (OM2), black adapter
499033	CCH-CP06-E6	50 μm multimode (OM3/OM4), aqua adapter

6-FIBER CLOSET CONNECTOR HOUSING PANELS: SC ADAPTER (DUPLEX)

Anixter No.	Vendor No.	Description
180435	CCH-CP06-59	Single-mode (OS2), UPC, blue adapter
376889	CCH-CP06-D9	Single-mode (OS2) , APC, green adapter
180705	CCH-CP06-91	62.5 μm multimode (OM1), beige adapter
250694	CCH-CP06-G7	50 μm multimode (OM2), black adapter
269475	CCH-CP06-E7	50 μm multimode (OM3/OM4), aqua adapter

6-FIBER CLOSET CONNECTOR HOUSING PANELS: ST COMPATIBLE ADAPTER

Anixter No.	Vendor No.	Description
180699	CCH-CP06-19T	Single-mode (OS2), UPC, blue adapter
180697	CCH-CP06-15T	62.5 μm multimode (OM1), beige adapter
314850	CCH-CP06-G5	50 μm multimode (OM2), black adapter
391320	CCH-CP06-H3	50 μm Multimode (OM3/OM4), aqua adapter

6-FIBER CLOSET CONNECTOR HOUSING PANELS: LC ADAPTER (DUPLEX)

Anixter No.	Vendor No.	Description
343164	CCH-CP06-A9	Single-mode (OS2), UPC, blue adapter
499034	CCH-CP06-B3	Single-mode (OS2), APC, green adapter
276744	CCH-CP06-A8	62.5 μm multimode (OM1) beige adapter
289425	CCH-CP06-D3	50 μm multimode (OM2), black adapter
355883	CCH-CP06-E4	50 μm multimode (OM3/OM4), aqua adapter

12-FIBER CLOSET CONNECTOR HOUSING PANELS: SC ADAPTERS (SIMPLEX)

Anixter No.	Vendor No.	Description
278933	CCH-CP12-3C	Single-mode (OS2), UPC, blue adapter
271108	CCH-CP12-6C	Angle polish, single-mode (OS2), green adapter
269695	CCH-CP12-56	62.5 μm multimode (OM1), beige adapter
339284	CCH-CP12-G6	50 μm multimode (OM2), black adapter
379194	CCH-CP12-E6	50 μm multimode (OM3/OM4), aqua adapter

12-FIBER CLOSET CONNECTOR HOUSING PANELS: SIX SC ADAPTERS (DUPLEX)

Anixter No.	Vendor No.	Description
180728	CCH-CP12-59	Single-mode (OS2), UPC, blue adapter
326374	CCH-CP12-D9	Single-mode (OS2) , APC, green adapter
180729	CCH-CP12-91	62.5 μm multimode (OM1), beige adapter
250688	CCH-CP12-G7	50 μm multimode (OM2), black adapter
255257	CCH-CP12-E7	50 μm multimode (OM3/OM4), aqua adapter

12-FIBER CLOSET CONNECTOR HOUSING PANELS: ST COMPATIBLE ADAPTER

Anixter No.	Vendor No.	Description
207404	CCH-CP12-19T	Single-mode (OS2), UPC, blue adapter
207402	CCH-CP12-15T	62.5 μm multimode (OM1), beige adapter
309517	CCH-CP12-G5	50 μm multimode (OM2), black adapter
416045	CCH-CP12-H3	50 μm multimode (OM3/OM4), aqua adapter

12-FIBER CLOSET CONNECTOR HOUSING PANELS: SIX LC ADAPTERS (DUPLEX)

Anixter No.	Vendor No.	Description
242436	CCH-CP12-A9	Single-mode (OS2), UPC, blue adapter
487801	CCH-CP12-B3	Single-mode (OS2), APC, green adapter
272046	CCH-CP12-A8	62.5 μm multimode (OM1), beige adapter
250692	CCH-CP12-D3	50 μm multimode (OM2), black adapter
272048	CCH-CP12-E4	50 μm multimode (OM3/OM4), aqua adapter

24-FIBER CLOSET CONNECTOR HOUSING PANELS: 12 LC ADAPTERS (DUPLEX)

Anixter No.	Vendor No.	Description
252146	CCH-CP24-A9	Single-mode (OS2), UPC, blue adapter
499050	CCH-CP24-B3	Single-mode (OS2), APC, green adapter
267889	CCH-CP24-A8	62.5 μm multimode (OM1), beige adapter

Anixter No.	Vendor No.	Description
265058	CCH-CP24-D3	50 μm multimode (OM2), black adapter
255256	CCH-CP24-E4	50 μm multimode (OM3/OM4), aqua adapter

MTP CONNECTOR PANELS

Anixter No.	Vendor No.	Description
319325	CCH-CP72-E3	72-fiber 50 μm multimode (OM3/OM4), aqua adapter
355509	CCH-CP96-E3	96-fiber, 50 μm multimode (OM3/OM4), aqua adapter
499054	CCH-CP72-90	72-fiber, 50 μm single-mode (OS2), black adapter
499055	CCH-CP96-90	96-fiber, 50 μm single-mode (OS2), black adapter

Q: Will the connector panels fit both the wall-mount and rack-mount LANscape housings?

A: Yes, trying to remember which panels work with which housings can be very confusing. That is why all Corning LANscape connector panels are interchangeable.

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Wall-mountable Connector Housings (WCH)

CORNING CABLE SYSTEMS

Corning Cable Systems Wall-Mountable Connector Housing (WCH) provides interconnect or cross-connect capabilities between the outside plant, riser or distribution cables and the opto-electronics. The units can be wall-mounted in main cross-connects (MCs) or telecommunications rooms (TRs). They are optimized for field connectorization or pigtail splicing with optional bracket. Units accept standard closet connector housing (CCH) connector panels or pigtail panels and options include jumper routing guides and a bracket for securing buffer tube fan-out kits.

WCH (EMPTY)

Anixter No.	Vendor No.	Description
181945	WCH-12P	Accepts up to 12 CCH panels
180454	WCH-06P	Accepts up to six CCH panels
180457	WCH-04P	Accepts up to four CCH panels
180452	WCH-02P	Accepts up to two CCH panels

WCH ACCESSORIES

Anixter No.	Vendor No.	Description
180430	WJG-02R	Wall-mountable jumper storage guides that provide jumper management; kit includes two routing guides and mounting screws
180670	WCH-STDOFF-BKT	Wall-mountable connector housing Wall Stand-off Brackets for 04P, 06P, 08P and 12P; brackets provide a 1 in. spacing from wall
201212	BKT-ALL-R23-75	Universal rack-mount bracket for 48 cm (19 in.) and 58 cm (23 in.) equipment racks
180677	WCH-STRNRLF-KIT	Optional external cable strain-relief kit that utilizes Corning Cable Systems Universal Cable Clamp; includes bracket, mounting hardware, one strain-relief clamp and one multi-cable insert that will hold up to five cables less than 0.4 inches in diameter

Anixter No.	Vendor No.	Description
180431	WCH-DUST-CVR	Optional dust cover for 04P and 08P housing; covers jumper exits; includes two covers and mounting hardware
250726	WCH-DUST-CVR-D	Optional dust cover for -06P and -12P housing; covers two jumper exits; includes two covers and mounting hardware; two kits required for 12P

OPTIONAL SPLICE TRAY HOLDERS AND SLACK STORAGE FOR WCH
NOTE: Splice trays ordered separately.

Anixter No.	Vendor No.	Description
523334	WCH-SPLC-12	Splice tray for WCH-12P; accommodates 12 0.2 in.-thick (Type 2R) or 6 0.4 in.-thick (Type 4R) reduced-length splice trays
193788	WCH-SPLC-4-8	Splice tray holder for WCH-04P, WCH-06P and WCH-08P; accommodates eight 0.2 in.-thick (Type 2R) or four 0.4 in.-thick (Type 4R) reduced-length splice trays
523332	WCH-SPLC-2P	Splice tray holder for WCH-02P; accommodates two 0.2 in.-thick (Type 2R) or one 0.4 in.-thick (Type 4R) reduced-length splice trays
545604	WCH-SSH-2	Wall-mountable slack storage housing for WCH-02P; accommodates four 0.2 in.-thick (Type 2R) or two 0.4 in.-thick (Type 4R) reduced-length splice trays
276677	WCH-SSH-4-12	Wall-mountable slack storage housing for WCH-04P, WCH-06P, WCH-08 and WCH-12P; accommodates eight 0.2 in.-thick (Type 2R and 2S) or four 0.4 in.-thick (Type 4R and Type 4S) standard or reduced-length splice trays or four UST splice trays

Connector panels must be ordered separately.

Wall-mountable Splice Housing (WSH)

CORNING CABLE SYSTEMS

The WSH is a wall-mountable housing designed to store the optical fibers being spliced within the unit. The WSH provides storage and protection of fiber splices in individually accessible trays. The WSH works for transition splicing between UL Listed and unlisted cable at building entrance or pigtail splicing. The WSH accommodates either 16 0.2 in. (Type 2S, 2R or 2M) splice trays or 11 0.4 in. (Type 4S, 4R or 4A) splice trays and also includes a label for identification. The front door of this housing doubles as a work surface that can support the weight of a fusion splicer. It also features a lip around the door to help retain loose items. Multiple cable entry/exit locations are provided on the top and bottom, and all are grommeted to prevent dust from entering the housing. The strain-relief bracket can be moved to a variety of positions depending on the location of the cables entering the housing and also includes the Corning Cable Systems Universal Cable Clamp. There are also provisions for mounting an optional grounding kit.

WSH

Anixter No.	Vendor No.	Description
525344	WSH-16SPT	Accepts up to 16 0.2 in. (Type 2S, 2R or 2M) splice trays
267580	WSH-11SPT-F	Accepts up to 11 0.4 in. (Type 4S, 4R or 4A) splice trays

ACCESSORIES

Anixter No.	Vendor No.	Description
278912	GROUND-KIT-2	WSH grounding kit; includes a grounding bar and hardware
201212	BKT-ALL-R23-75	Universal rack-mount bracket for 48 cm (19 in.) and 58 cm (23 in.) equipment racks

Splice trays must be ordered separately.

Single Panel Housing (SPH-01P)

CORNING CABLE SYSTEMS

Corning Cable Systems Single-Panel Housing (SPH-01P) is a cost-effective housing for storage, protection and termination of optical fiber cables. The SPH-01P accepts standard LANscape Solutions CCH connector panels and offers protection for the fiber cable and connectors for indoor wall-mount installations. This compact unit has a 1.5 in. projection from the wall and is designed for use in locations such as building entrance terminals, wiring closets, open office and other controlled environments where space is a premium. The durable black-metal housing can be used for splice management, cross-connect, or both for up to 12 fibers and includes a 6-slot, 0.4 in. splice holder accommodating up to 12 heat-shrink splices. Top and bottom cable-entry grommets are provided for midspan access and environmental sealing, creating an effective solution for customer premises or remote locations. Applications include indoor wall-mount installations, telecommunications rooms, closets and enclosures, small spaces, DOT Traffic Control cabinets and industrial PLC cabinets and for 12-fiber interconnect and splicing.

SINGLE PANEL HOUSING (SPH-01P)

Anixter No.	Vendor No.	Description
313351	SPH-01P	Single panel wall-mount housing accommodating one CCH connector panel. Also includes a six-slot, 0.4 in. splice holder and can be used for splice management, cross-connect, or both up to 12 fibers. CCH panels ordered separately

ACCESSORIES

Anixter No.	Vendor No.	Description
313352	SPH-01P-BKT	Ledge-mount bracket used to mount to the top of a ledge

Connector panels must be ordered separately.

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Wall-mountable Hardware

Fiber Solutions

Industrial Connector Housing (ICH)

CORNING CABLE SYSTEMS

The Corning Cable Systems Industrial Connector Housing (ICH) family is ideal for manufacturing and industrial applications. The housings are fabricated from aluminum with a baked-on, black powder-coated finish. The ICH may be used indoors or out. It is designed to accommodate conduit with the provided concentric knockouts and accepts standard CCH connector panels and connector modules. Splicing is accomplished with the splice tray-holding kit, which may be ordered separately.

The units have a padlockable outer door and a separate inner door that protects the provider side of the unit from unauthorized access. The inner door may also be locked by using an optional key lock kit. Carrying a NEMA 250-1997 3S rating, the ICH is perfect for protecting the network infrastructure in industrial environments.

INDUSTRIAL CONNECTOR HOUSING (ICH)

Anixter No.	Vendor No.	Description
250825	ICH-02P	Accepts two CCH connector panels or modules
250826	ICH-06P	Accepts six CCH connector panels or modules
250827	ICH-12P	Accepts 12 CCH connector panels or modules

SPLICE TRAY HOLDER KIT

Anixter No.	Vendor No.	Description
312958	ICH-SPLC-2	Splice tray holder kit for ICH-02P; contains tray bracket and retaining strap; accommodates four Type 2R or two Type 4R splice trays
312959	ICH-SPLC-6	Splice tray holder kit for ICH-06P; contains tray bracket and retaining strap; accommodates six Type 2R or three Type 4R splice trays
312960	ICH-SPLC-12	Splice tray holder kit for ICH-012P; contains tray bracket and retaining strap; accommodates 12 Type 2R or six Type 4R splice trays

Industrial Splice Housing (ISH)

CORNING CABLE SYSTEMS

The Corning Cable Systems Industrial Splice Housing (ISH) is ideal for manufacturing and industrial applications. The housing is finished with a baked-on silver-gray powder-coated finish and may be used indoors or outdoors. Wall-mountable for transition splicing between cable at building entrance or pigtail splicing, the ISH provides storage and protection of fiber splices in individually accessible trays. The units have a padlockable outer door. The ISH is designed to accommodate conduit fittings with the provided plugs and reduction washer, and it accepts standard LANscape Solutions splice trays. The Industrial Splice Housing is also compatible with Corning Cable Systems Industrial Connector Housings ICH-02P-IND, ICH-06P-IND and ICH-12P-IND. The ISH is NEMA 250-1997 3S and IP64, 65, 66, 67 and 69 tested and pad-lockable with user-supplied padlock for secured access.

Anixter No.	Vendor No.	Description
394415	ISH-12SPT	Industrial Splice Housing; accepts up to 12 Type 2S splice trays

Environmental Distribution Center (EDC)

CORNING CABLE SYSTEMS

The Corning Cable Systems Industrial Environmental Distribution Center (EDC) is designed for storage and protection of fiber optic connections and splices in indoor and outdoor environments. Ideal for industrial, marine, security or traffic control applications, the EDC incorporates features that accommodate the changing requirements and growing needs of fiber optic networks. The composite construction offers outstanding chemical and temperature resistance with excellent weatherability. The cover may be secured with quick-release latches or padlocked for additional security. Rated to NEMA 4X or IEC IP66, the unit offers protection from corrosion, rain, sleet, snow and windblown dust. It accepts Closet Connector Housing (CCH) panels and splice trays for through-splicing or field-connectorization, including fusion and mechanical splices for splicing or fan-out techniques. The EDC includes the brackets required for mounting to a wall or pole and additional accessories includes a grounding kit, a rack-mount kit and various fittings.

ENVIRONMENTAL DISTRIBUTION CENTER

Anixter No.	Vendor No.	Description
206695	EDC-02P-NH	Accepts two CCH panels and two Type 2R or one Type 4R reduced-length splice trays; no cable-entry holes provided
206696	EDC-06P-NH	Accepts six CCH panels and six Type 2S or three Type 4S splice trays; no cable-entry holes provided
223274	EDC-12P-NH	Accepts 12 CCH panels and 12 Type 2S, six Type 4S or six Type 4A splice trays; no cable-entry holes provided

EDC ACCESSORIES

Anixter No.	Vendor No.	Description
499058	EDC-2EC-KIT	2 in. Conduit Standard Fitting Kit
207391	EDC-2N4-KIT	2 in. Conduit NEMA 4 Fittng Kit
401339	EDC-2WT-KIT	0.5 in. to 1 in. Watertight Compresion Fitting Kit

WALL-MOUNTABLE HOUSING ACCESSORIES

Anixter No.	Vendor No.	Description
263462	FDC-CABLE-GRND	Armored cable-grounding kit; contains one armored grounding clip and one ground strap
185322	HDWR-LOCK-KIT	Lock kit for front door of housing; contains one lock with two keys

Splice Trays

CORNING CABLE SYSTEMS
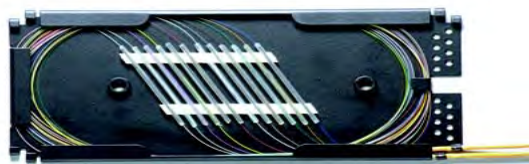
Corning Cable Systems splice trays use proven designs and fiber-organization technology to provide optimum physical protection for fusion and mechanical splicing methods. The trays are engineered for use with indoor or outdoor splice hardware with both loose tube and tight-buffered optical cable designs. Available in either a metallic version (M67 series) or an injection-molded plastic version (UST series), the generous size of the trays prevents induced attenuation due to fiber bending. The metal-tray series consists of a rugged aluminum base and cover with crimpable metal tabs for buffer tube strain-relief. Additional strain-relief points are available for securing buffer tubes or pigtails to the trays using cable ties. These trays are designed for use with Corning Cable Systems interconnection hardware and splice closures.

Anixter No.	Vendor No.	Description
413669	M67-048	Tray for 12 single-fiber heat-shrink fusion splices, type 2S
219337	M67-076	Tray for 12 single-fiber or six mass fusion heat-shrinks, type 4S
217223	M67-110	Tray for 12 single-fiber or six mass fusion heat-shrinks, type 4R
266672	SCF-ST-077	Tray for 48 single-fiber or 12 mass fusion heat-shrinks, type 4S
514043	UST-024	Universal Splice Tray (organizers included for RTV fusion, heat-shrink fusion, mass fusion and mechanical splices) - type 4A
135182	M67-031	Tray for 12 mechanical splices, type 2S
125240	M67-061	Tray for six mechanical splices, type 2R

The trays have a "type" that is shown in the splice-tray descriptions. This type can be used to match compatibility with various Corning Cable Systems splice housings. Single-fiber heat-shrink fusion-splice trays will accept 60 mm single-fiber heat-shrink fusion-splice protectors. Heat-shrink mass fusion-splice trays accept multifiber heat-shrink mass fusion splice protectors. All splice trays can be used for single-mode or multimode applications. Mechanical trays accept Corning Cable Systems CamSplice Mechanical Splice and other mechanical splices with equivalent dimensions.

Fiber Solutions

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Zone Hardware

Fiber Solutions

Fiber Zone Box (F2B-04U)

CORNING CABLE SYSTEMS

The Corning Cable Systems Fiber Zone Box is a cabling infrastructure distribution facility ideal for passive applications in zone-cabling applications. Equipped with a light seal to inhibit dust and liquid penetration, the Fiber Zone Box may be mounted in several ways. The unit is sized to fit a 2 ft. by 2 ft. drop-ceiling opening or under the floor in the access-flooring area of data centers, or it may be mounted to a wall. The Fiber Zone Box accepts up to 12 LANscape Pretium Solutions connector panels or LANscape Solutions Plug & Play Universal Systems Closet Connector Housing (CCH) connector modules for fiber termination and distribution. The unit is secured with a removable door containing a latch and a keyed lock.

FIBER ZONE BOX
Accepts up to 12 CCH connector panels or CCH Plug & Play Systems modules or up to 4U of 19 in., rack-mountable patch panels.

Anixter No.	Vendor No.	Description
308958	FZB-04U	Includes two Universal Cable Clamps, edge grommet, labels and tie wraps

ACCESSORIES

Anixter No.	Vendor No.	Description
262722	CPP-01U-PNL	Rack-mountable bracket; accepts two CCH style modules, 1U, 19 in. equipment racks
251476	HDH-03P-01U-PNL	Rack-mountable bracket, 1U, accepts up to three HDH modules. 19 in. equipment racks

ANIXTER

Workstation Multimedia Outlet (WMO)

CORNING CABLE SYSTEMS

The Corning Cable Systems Workstation Multimedia Outlet (WMO) accepts both fiber optic adapters and copper jacks. The WMO can be surface-mounted on a single-gang electrical box (2 x 4 in.), or a dual-gang electrical box (4 x 4 in.). Surface raceway can be inserted into each connector-panel location or the top of the unit. This allows for the large diversity of installation and cable-routing methods. The WMO is designed for easy viewing of connection and line identification. Panels are available for SC, ST Compatible and LC connectors, including the keyed LC system and installed into the WMO in the factory to save time during installation. The WMO has a flammability rating of UL 94V-0 and an oxygen index of 35 per ASTM D 2863. The WMO accepts a maximum of five connector panels; standard configuration is three connector panels for down-the-wall routing and provides strain-relief positions for incoming copper and fiber cables.

WORKSTATION MULTIMEDIA OUTLET

Anixter No.	Vendor No.	Description
523365	WMO-85	White. Dimensions: 14.4 x 14.4 x 4.06 cm (5.7 x 5.7 x 1.6 in.)

LOADED ADAPTER PANELS: TWO FIBER CONNECTIONS PER PANEL
Note: Color is white.

Anixter No.	Vendor No.	Description
271892	WMO-CP02-15T-85	ST compatible, 62.5 μm multimode, ceramic insert, metal housing, threaded
214770	WMO-CP02-25T-85	ST compatible, 62.5 μm multimode, metal insert, metal housing, threaded
214732	WMO-CP02-57C-85	SC duplex, ceramic insert, composite housing, white panel
250830	WMO-CP02-A8-85	LC duplex, 62.5 μm, ceramic insert, composite housing, white panel

LOADED ADAPTER PANELS: FOUR FIBER CONNECTIONS PER PANEL
Note: Color is white.

Anixter No.	Vendor No.	Description
269058	WMO-CP04-A7-85	LC duplex, 62.5 μm, ceramic insert, composite housing
214758	WMO-CP04-91-85	SC duplex, 62.5 μm multimode, metal insert, composite housing

Wall-Plate Outlet (WLL)

CORNING CABLE SYSTEMS

Corning Cable Systems Wall-Plate Outlet (WLL) is a highly configurable outlet product, available in both single- and double-gang configurations. It is designed for use within FTTD (fiber-to-the-desk) applications, but may also be used to connect telephones and other peripherals to a network. A variety of fiber and copper adapters may be loaded in the Wall-Plate Outlet in any configuration. These adapters may be purchased individually, or preloaded into the Wall-Plate Outlet using the WLL configurable part-numbering scheme. The Wall-Plate Outlet is also available with angled faces that allow fiber connectors and jumpers to easily transition and exit down the wall. Single-gang Wall-Plate Outlets are available with up to 6-port capacity (4-port angled) while double-gang versions offer 12-port capacity (8-port angled).

To order, contact your local sales representative.

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Splice Closures

Fiber Solutions

Fiber Splice Closures Preloaded with Splice Trays

CORNING CABLE SYSTEMS

UCAO-05-24

UCAO Mini Closure with two UCAO-ST-02 12-fiber splice trays included for 24-fiber applications; hinged case with snap latches; four premolded cable ports

SCF-4C18-01-36

4 x 18 in. Canister Closure with three SCF-ST-099 12-fiber splice trays included for 36-fiber applications; two open express cable ports, three additional easily opened QUICK-SEAL mechanical seal drop cable ports

SCF-6C22-01-72

6 x 22 in. 72-Fiber Canister Closure with six SCF-ST-099 12-fiber splice trays included for 72-fiber applications; two open express cable ports, four additional easily opened; QUICK-SEAL mechanical seal drop cable ports

SCF-6C28-01-144

6 x 28 in. 144-Fiber Canister Closure with six SCF-ST-112 24-fiber splice trays included for 144-fiber applications; two open express cable ports, four additional easily opened; QUICK-SEAL mechanical seal drop cable ports

FEATURES

- One part-number solution for the most common fiber counts
- Trays, seals and hardware included in every kit
- Easy component additions for future expandability

UCAO AND UCAO ACCESSORIES
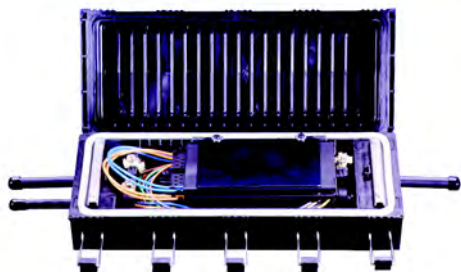
Anixter No.	Vendor No.	Description
212092	UCAO-05-24	UCAO Closure with two UCAO-ST-02 trays for 24-fiber applications
523382	UCAO-ST-02	UCAO 0.2 splice tray; holds 12 heat-shrink splice protectors
342342	UCA-KT-AHD	UCA aerial hanging device
200373	UCAO-BK1	Wall- and pole-mount bracket

SCF-4C18-01-36 AND 4C18 ACCESSORIES

Anixter No.	Vendor No.	Description
267141	SCF-4C18-01-36	4 x 18 in. canister with three SCF-ST-099 trays for 36-fiber applications
240045	SCF-ST-099	12-position heat-shrink 0.2 in., metal tray for single fiber
425029	SCF-KT-4CBL	Add-a-Cable Kit for two drop cables in 4 in. end cap
272032	SCF-KT-6GND	SCF-6 Ground Kit, fits all SCF closures (two per kit)
226469	BKT-SC-C	Aerial hanger bracket

SCF-6C22-01-72/SCF-6C28-01-144 AND 6C ACCESSORIES

Anixter No.	Vendor No.	Description
212111	SCF-6C22-01-72	6 x 22 in. canister with six SCF-ST-099 trays for 72-fiber splices
212105	SCF-6C28-01-144	6 x 28 in. canister with six SCF-ST-112 trays for 144-fiber splices
242643	SCF-ST-048	12-position heat-shrink 0.2 in. metal tray for single-fiber
272033	SCF-ST-112	24-postion heat-shrink 0.2 in. metal tray for single-fiber
272032	SCF-KT-6GND	SCF-6 Ground Kit, fits all SCF closures (two per kit)
269541	SCF-KT-6CBL	Add-a-Cable Kit for two drop cables in 6 in. end cap
226469	BKT-SC-C	Aerial hanger bracket

UCAO Splice Closure

CORNING CABLE SYSTEMS

The UCAO Splice Closure provides excellent environmental protection for optical fiber splices.

The UCAO facilitates easy installation and access with its unique hinged case. The lid is secured with metal clips that snap open or closed. Each UCAO closure is lightweight, compact and watertight.

UCAO Splice Closures can be used in aerial, underground or direct-buried applications and accommodate up to 60 single-fiber splices. No special tools are required for closure assembly and re-entry.

FEATURES
- Accommodates five compact splice trays
- Equipped with reusable seals
- No stress placed on finished splices within trays
- All required components are provided in one convenient carton
- Tested in accordance with GR-771

APPLICATIONS
Can be used in through-, branch- or midspan-type splice locations
Can be used in aerial, underground or direct-buried applications
Accommodates up to 60 single-fiber splices (UCAO-05)
Can be mounted on a pole, wall or stand

UCAO CLOSURE
Dimensions (H x W x D): 121 mm x 162 mm x 381 mm (5 in. x 6 in. x 15 in.).

Anixter No.	Vendor No.	Description
523380	UCAO-05	Accepts five trays

UCAO SPLICE TRAYS
Dimensions (H x W x D): 187 mm x 92 mm x 8 mm (7.4 in. x 3.6 in. x 0.33 in.).

Anixter No.	Vendor No.	Description
523381	UCAO-ST-01	UCAO 0.2 splice tray; holds 12 bare-fiber or crimp-type protectors
523382	UCAO-ST-02	UCAO 0.2 splice tray; holds 12 heat-shrink splice protectors
397665	UCAO-ST-03	UCAO 0.4 splice tray; holds four mass fusion splice protectors
212103	UCAO-ST-04	UCAO 0.4 splice tray; holds 12 CamSplice mechanical splices
495177	UCAO-ST-06	UCAO 0.4 splice tray: holds 12 single fiber or two mass-splice heat-shrink protectors

ACCESSORIES

Anixter No.	Vendor No.	Description
200372	UCAO-AHD	Aerial hanging device
200373	UCAO-BK1	Wall- and pole-mount bracket
252245	UCAO-CK1	Additional cable entry kit (10-pack)
523383	UCAO-TP	Sealing tape

Fiber Solutions

Splice Equipment

Fiber Solutions

CamSplice No-adhesive Mechanical Splice

CORNING CABLE SYSTEMS

Corning Cable Systems CamSplice is a simple, craft-friendly mechanical splice for both multimode and single-mode fibers. It features a "cam" locking mechanism, which requires no adhesive. The CamSplice mechanical splice incorporates a unique, patented fiber alignment method that self-centers the fibers and provides extremely accurate alignment. Average "blind" (nontuned) splice loss for the CamSplice mechanical splice is specified at 0.15 dB, with a maximum splice loss of less than 0.3 dB. There is only one part for 250/250 μm, 250/900 μm or 900/900 μm applications (one size fits all).

Completed splices fit in Corning Cable Systems and many other industry-standard splice trays.

FEATURES

- No adhesive or epoxy required
- Universal, one-part-fits-all fiber coatings
- Rematable, tunable
- No polishing required
- Self-centering fiber-alignment mechanism
- Optional lead-in tubes for securing 900 μm fibers
- Index-matching gel preinserted
- No stress on fiber in alignment area
- Small assembly fixture recommended, but optional

APPLICATIONS

Pigtail splicing
Transition splice between listed and nonlisted cables
Indoor or outdoor through- or branch-splicing
Emergency restoration

SPLICE PARTS

Anixter No.	Vendor No.	Description
129467	95-000-04	CamSplice Mechanical Splices (six per pack)

ACCESSORIES

Anixter No.	Vendor No.	Description
129468	TKT-100-01	CamSplice mechanical splice tool kit; includes CamSplice Mechanical Splice assembly fixture, fiber coating stripping tool and other items required for splicing; kit comes in a compact carrying case
129625	TKT-100-02	CamSplice mechanical splice tool kit; including an FBC-002 fiber cleaver
129469	2104040-01	CamSplice assembly fixture
086541	FBC-001	Fiber cleaver, score and snap
143321	FBC-006	Precision diamond cleaver for single-fiber applications

SPLICE TRAYS

Anixter No.	Vendor No.	Description
135182	M67-031	Tray for 12 mechanical splices, type 2S
105030	M67-053	Aluminum Splice Tray; stores six CamSplice Mechanical Splices, Type 2R
125240	M67-061	Tray for six mechanical splices, type 2R
514043	UST-024	Universal Splice Tray (organizers included for RTV fusion, heat-shrink fusion, mass fusion and mechanical splices) - type 4A
124974	M67-070	Tray for up to 12 CamSplice mechanical splices - Type 4S. Dimensions: 29.7 x 9.9 x 1.0 cm (11.7 x 3.9 x 0.4 in.)

OptiSplice M90e Fusion Splicer

CORNING CABLE SYSTEMS

The OptiSplice M90e Fusion Splicer is the ideal machine for networks where low-loss performance and high-end accuracy are imperative. The M90e Fusion Splicer offers the active core-alignment accuracy of Corning Cable Systems LID-SYSTEM Unit, along with the speed and versatility of a passive core-alignment technology known as the CDS. The M90e provides the most advanced set of features available, yielding top-notch performance, while reducing training and maintenance costs, all in a compact, user-friendly fusion splicer.

FEATURES

- Graphical user interface for easy menu navigation
- On-board, interactive training videos - reduces training time and costs and includes operational and maintenance sections
- High-contrast 5.7 in. color touch screen with ambient light sensor for automatic adjustment of different lighting conditions, including direct sunlight
- Two-in-one alignment unit offering direct active core-alignment with LID-SYSTEM Unit technology and fast 3-axis camera-based passive core-alignment with CDS
- Fastest total splice cycle time on the market for a core-alignment fusion splicer (13 seconds splice time in CDS mode + 20 seconds oven = 33 seconds total cycle time typical)
- Utilizes automatic fusion time to optimize each splice (LID-SYSTEM Unit)
- Real splice-loss measurement with LID-SYSTEM or splice-loss estimation with CDS
- Auto-Start feature begins the splice process when the fiber flaps close
- Integrated global positioning system (GPS) for automatically adjusting for altitude changes, as well as storing splice-location coordinates (GPS functionality can be disabled)

FUSION SPLICER

Includes FBC-006 cleaver, carrying case with wheels, fast heat-shrink oven, splice tray holder, AC power supply with U.S. cord, Li-Ion battery with external charger, one-year limited warranty, operator's manual on CD, USB work light and maintenance tool kit.

Anixter No.	Vendor No.	Description
373650	M90E-0SM-T-H	OptiSplice M90e Fusion Splicer

ACCESSORIES

Anixter No.	Vendor No.	Description
143321	FBC-006	Precision diamond cleaver for single-fiber applications
337216	FSA-022	Spare precise and durable (P&D) electrodes
161239	2806031-01	Heat-shrink fusion splice protector parts, single-fiber (package of 50; 60 mm long)
272053	2806032-01	Heat-shrink fusion splice protector parts, single-fiber (package of 50; 40 mm long)
165918	FSA-012	Crimp & Go splice protector parts (package of 150)
144227	A0276859	Splice Pak splice protector, yellow, 250 μm/250 μm (package of 25)
160341	A0295149	Splice Pak splice protector, blue, 250 μm/900 μm (package of 25)
160342	A0295150	Splice Pak splice protector, green, 900 μm/900 μm (package of 25)
086550	M67-003	Fusion splicing tool kit
374863	TKT-SPLICE	Basic fusion splicing tool kit
209620	OFT-000	Optical fiber access tool for midspan access
374864	TKT-FIBERTECH-P	Advanced fiber optic cable prep and splicing tool kit

> Additional configurations available. Contact your local sales representative for more information.

OptiSplice CDS Fusion Splicer

CORNING CABLE SYSTEMS

The Corning Cable Systems OptiSplice CDS Fusion Splicer is the ideal machine for networks where low-loss performance is imperative. Ideal for long-haul, CATV, Telco and LAN applications, it can accurately splice current, legacy, dissimilar and specialty fiber types.

The OptiSplice CDS Fusion Splicer offers the speed and versatility of a video-camera-based core-alignment technology known as the core detection system (CDS). The CDS works on both 250 and 900 micron fibers and offers the fastest total splice cycle time on the market for a core-alignment fusion splicer. The ultra-fast heat-shrink oven requires only 20 seconds heating time on industry standard 60 mm heat-shrinks. RoHS.

FEATURES

- Touch screen with graphical user interface
- Built-in interactive training videos
- 3-axis core-alignment by the CDS system
- Fastest total splice cycle time in the industry
- Two USB ports
- Integrated GPS system

FUSION SPLICER

Includes FBC-006 cleaver, carrying case with wheels, fast heat-shrink oven, splice tray holder, AC power supply with U.S. cord, Li-Ion battery with external charger, one-year limited warranty, operator's manual on CD, USB work light and maintenance tool kit.

Anixter No.	Vendor No.	Description
382718	OSCDS-0SM-T-H	OptiSplice CDS Fusion Splicer

ACCESSORIES

Anixter No.	Vendor No.	Description
143321	FBC-006	Precision diamond cleaver for single-fiber applications
337216	FSA-022	Spare precise and durable (P&D) electrodes
161239	2806031-01	Heat-shrink fusion splice protector parts, single-fiber (package of 50; 60 mm long)
272053	2806032-01	Heat-shrink fusion splice protector parts, single-fiber (package of 50; 40 mm long)
165918	FSA-012	Crimp & Go splice protector parts (package of 150)
144227	A0276859	Splice Pak splice protector, yellow, 250 μm/250 μm (package of 25)
160341	A0295149	Splice Pak splice protector, blue, 250 μm/900 μm (package of 25)
160342	A0295150	Splice Pak splice protector, green, 900 μm/900 μm (package of 25)
086550	M67-003	Fusion splicing tool kit
374863	TKT-SPLICE	Basic fusion splicing tool kit
209620	OFT-000	Optical fiber access tool for midspan access
374864	TKT-FIBERTECH-P	Advanced fiber optic cable prep and splicing tool kit

OptiSplice One Handheld Fusion Splicer

CORNING CABLE SYSTEMS

Fastest total splice cycle time in the industry: 11 seconds splice + 20 seconds heat-shrink oven = 31 seconds typical.

High-capacity Li-Ion battery 200 splices with heat-shrink oven typical.

FEATURES

- Two-in-one alignment unit offering direct active alignment with LID-SYSTEM Unit Technology and fast 3-axis camera-based passive core-alignment with Core Detection System (CDS)
- Utilizes automatic fusion time to optimize each splice (LID-SYSTEM Unit)
- Real splice-loss measurement with LID-SYSTEM or splice-loss estimation with CDS
- Auto-Start feature begins the splice process when the fiber flaps close
- Integrated global positioning system (GPS) for automatically adjusting for altitude changes, as well as storing splice-location coordinates
- Includes an external AC power adapter and a high-capacity Li-Ion battery with external charger
- Rugged, watertight "carry-on"-style carrying case
- Maintenance-free precise and durable (P&D) electrodes
- Ultra-fast heat-shrink oven (20-second heating time on 60 multimode heat-shrinks)
- USB work lamp (optional)
- Capable of building attenuators by using programmable splice-loss programs (up to 10 dB)
- RDUP listed (formerly RUS)

FUSION SPLICER

Includes cleaver, one set of 250 μm handlers, fast heat-shrink oven, carrying case, one Li-Ion battery, external battery charger, AC power supply with U.S. cord, operator's manual, detachable splice tray holder/screen cover and one-year limited warranty.

Anixter No.	Vendor No.	Description
370438	OS1-OSM-T-H	OptiSplice One Handheld Fusion Splicer

ACCESSORIES

Anixter No.	Vendor No.	Description
143321	FBC-006	Precision diamond cleaver for single-fiber applications
371083	FBC-012	High-performance, mass fiber cleaver
374869	OS-ELECTRODE-1	Spare electrodes
161239	2806031-01	Heat-shrink fusion splice protector parts, single-fiber (package of 50; 60 mm long)

Anixter No.	Vendor No.	Description
374868	OS1-001	Crimp & Go splice protection crimping device
165918	FSA-012	Crimp & Go splice protector parts (package of 150)
374870	OS1-002	Splice Pak splice protector crimping device for OptiSplice One handheld fusion splicer
144227	A0276859	Splice Pak splice protector, yellow, 250 μm/250 μm (package of 25)
160341	A0295149	Splice Pak splice protector, blue, 250 μm/900 μm (package of 25)
160342	A0295150	Splice Pak splice protector, green, 900 μm/900 μm (package of 25)
086550	M67-003	Fusion splicing tool kit
374863	TKT-SPLICE	Basic fusion splicing tool kit
374872	OS-ADAPT900-1	Fiber handler set for coated 900 μm single-fiber
209620	OFT-000	Optical fiber access tool for midspan access
374873	OS-LIIONBATT-1	Spare Li-Ion battery
374874	OS-003	Shoulder harness and universal tripod mount
374875	OS-004	Aerial splicing platform kit

Fiber Cleavers

CORNING CABLE SYSTEMS

FBC-012

The FBC-012 mass fiber cleaver provides excellent cleaves of one to 12 fibers using a simple one-step operation. The cleaver comes with a universal single-fiber guide that may be used when cleaving single fibers. The removable guide allows the cleaver to hold common fiber-handling adapters of mass-fusion splicers or fiber handlers for UniCam Connector installation. The 12-position blade can be replaced in the field.

Anixter No.	Vendor No.	Description
371083	FBC-012	High-performance, mass fiber cleaver

FBC-007

The FBC-007 High-Performance Cleaver is a handheld, ergonomically designed, precision cleaver enabling easy installation of UniCam Connectors. The cleaver provides consistent cleaves regardless of operator skill level. It uses a dual-clamp for precision and a diamond blade for superior cleaving. There is consistent cleaving of 250 or 900 micron fibers and it is compatible with jacketed applications. The handheld cleaver does not require a work surface in order to perform precision cleaves.

Anixter No.	Vendor No.	Description
444620	FBC-007	High-Performance UniCam Cleaver
447235	HAN-STANDARD	900 μm tight buffered fiber handler
447236	HAN-FANOUT-UNI	900 μm fan-out tubing handler for UniCam
506908	HAN-UNI	900 μm fan-out tubing handler for FBC-007 and FBC-009
447237	HAN-TRACK	Track for fan-out tubing fiber handlers

FBC-006

This cleaver provides smooth, flat, perpendicular fiber end-faces (typically <0.7 degrees) necessary for low-loss fusion or mechanical splicing. Fast and easy to use, it produces high-quality, repeatable cleaves for multimode and single-mode fibers in one simple step. The unit cleaves all 250 μm coated fibers and 900 μm buffered fibers.

Anixter No.	Vendor No.	Description
143321	FBC-006	Precision diamond cleaver for single-fiber applications
187848	FBC-006-01	Replacement diamond blade for FBC-006 cleaver

FBC-002

The least expensive of all Corning Cable Systems cleavers, the FBC-002 is adequate (<2 degrees) for cleaving fiber ends for OTDR access (through a lab splice or XYZ stage), multimode and single-mode mechanical splicing, and UniCam Connector installation.

Anixter No.	Vendor No.	Description
440187	FBC-002	Fiber cleaver, score and snap

Fiber Solutions

Splice Equipment

Fusion Splice Protection

CORNING CABLE SYSTEMS

Corning Cable Systems offers a variety of splice protection choices to meet your needs. All the types of protection pictured and described here allow individual fiber access in the splice tray. Corning Cable Systems offers heat-shrink protection in both single-fiber and multifiber versions.

HEAT-SHRINK

Heat-shrinkable splice protection continues to be the most popular method to protect fusion splices. The sleeve securely protects the fusion splice on either 250 or 900 μm coated fibers, while offering individual access to each fusion splice. Corning Cable Systems Heat-shrink Sleeves are compatible with most splice trays offered and are compatible with all heat-shrink ovens offered with Corning Cable Systems Fusion Splicers. Corning Cable Systems offers both single-fiber and multifiber heat-shrink sleeves.

Anixter No.	Vendor No.	Description
161239	2806031-01	Heat-shrink fusion splice protector parts, single-fiber (package of 50; 60 mm long)
272053	2806032-01	Heat-shrink fusion splice protector parts, single-fiber (package of 50; 40 mm long)
219339	2806031-012	Heat-shrink mass splice protector parts, 6- or 12-fiber ribbon (package of 25; 40 mm long)

SPLICE PAK

The Splice Pak Splice Protector is a cost-effective alternative to the heat shrink protective sleeve. It has a plastic clamshell design with an adhesive applied to the inside surface. The Splice Pak Splice Protector requires no power for assembly, thus extending the battery life of the fusion splicer. The Splice Pak Splice Protector is offered in three types for different fiber diameter combinations.

Anixter No.	Vendor No.	Description
144227	A0276859	Splice Pak splice protector, yellow, 250 μm/250 μm (package of 25)
160341	A0295149	Splice Pak splice protector, blue, 250 μm/900 μm (package of 25)
160342	A0295150	Splice Pak splice protector, green, 900 μm/900 μm (package of 25)

CRIMP & GO

The Crimp & Go Splice Protector encloses the splice within an aluminum sleeve sealed with an elastic material. Like the Splice Pak Splice Protector, the Crimp & Go Splice Protector requires no power for assembly, thus extending the battery life of the fusion splicer.

Anixter No.	Vendor No.	Description
165918.	FSA-012	Crimp & Go splice protector parts (package of 150)

Fiber Optic Splicing Tool Kits

CORNING CABLE SYSTEMS

Corning Cable Systems tool kits provide the craftsperson with a collection of essential tools required for tasks associated with the installation, maintenance and termination of fiber optic cable. The tools used in the kits are thoughtfully assembled and are stored in high-quality cases, keeping them safe, neat and in proper working order.

FUSION SPLICING TOOL KIT

This kit is designed to be compatible with fusion splicers. It includes tools and supplies required for cable-jacket removal and fusion splicing. Contents: LST-000-016.

Anixter No.	Vendor No.	Description
086550	M67-003	Fusion splicing tool kit
153567	M67-004	Fusion splicing consumables kit, replenishes the M67-003 tool kit

CAMSPLICE MECHANICAL SPLICE TOOL KIT WITHOUT CLEAVER

Includes assembly tool, buffer tube-cutting tool, fiber coating stripping tool and other miscellaneous items required for splicing. Kit comes in compact carrying case. Assembly tool can be ordered separately. Contents: LST-000-050

Anixter No.	Vendor No.	Description
129468	TKT-100-01	CamSplice mechanical splice tool kit; includes CamSplice Mechanical Splice assembly fixture, fiber coating stripping tool and other items required for splicing; kit comes in a compact carrying case
129625	TKT-100-02	CamSplice mechanical splice tool kit; including an FBC-002 fiber cleaver

Fiber Solutions

Fiber-Clean Towelettes

CORNING CABLE SYSTEMS

Corning Cable Systems Fiber-Clean Towelettes are specifically designed to improve the efficiency of cleaning telecommunications cabling. Fiber-Clean is more economical, convenient and safe, and it is superior in terms of cleaning properties versus the traditional cleaners used for gel removal and fiber splicing. This intelligent cleaner contains several novel components that easily remove buffer-tube gels, water-blocking compounds, and more importantly, contaminants on an optical fiber prior to splicing and connectorization.

APPLICATIONS

All fiber optic cleaning needs
Copper applications

Anixter No.	Vendor No.	Description
196997	FC-45-1	45 towelettes (6 in. x 7.75 in.) in a "pop-up" canister (6.75 in. H x 4.0 in. W)
526399	FC-45-12	45 towelettes in a pop-up canister (12 canisters per pack)

Fiber Optic Cleaning Kit

CORNING CABLE SYSTEMS

Anixter No.	Vendor No.	Description
348034	FCC-WIPES	Package of Corning wipes, 90 pcs/pk.
348035	FCC-CLEANER-FIBER	Bottle of Corning fiber optic cleaning fluid

MTP Fiber Optic Cleaning Tool

CORNING CABLE SYSTEMS

The Fiber Optic Cleaning Tool is used to clean MTP Connector endfaces as well as MTP connectors installed in modules or panels.

APPLICATIONS

MTP pinned/pinless connectors

Anixter No.	Vendor No.	Description
416481	2104466-01	MTP Connector- and port-cleaning tool

Single-Fiber Port Cleaners

CORNING CABLE SYSTEMS

The Single-Fiber Port Cleaners are designed to clean connector end-faces in patch panels and adapters. An integrated dust cap allows for cleaning unmated connector end-faces. The Single-Fiber Port Cleaners are proven effective for removing the following from connector end-faces: skin oil, hand lotion, road dust, pre- and post-mate graphite, salt, isopropyl and distilled water residues. These cleaners are simple to use and offer more than 525 cleanings.

FEATURES

- Cleaning system rotates 180 degrees to provide a full cleaning of the connector end-face
- Extendable tip allows for cleaning in hard-to-reach spaces
- Cleaning fibers dissipate static to alleviate any electrostatic-discharge concerns
- Easy-to-use pushing motion engages connector and initiates connector end-face cleaning

Anixter No.	Vendor No.	Description
391035	CLEANER-PORT-2.5	Single-Fiber Port Cleaner for all 2.5 mm ferrule connectors such as FC, ST and SC; effective for PC, UPC and APC polishes
391036	CLEANER-PORT-LC	LC Connector- and port-cleaning tool
391040	CLEANER-PORT-OT	Single-Fiber Port Cleaner for OptiTap Connector end-faces

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Tools and Supplies

Connector Removal Tool

CORNING CABLE SYSTEMS

Corning Cable Systems Connector Removal Tool (CRT-001) is designed to allow for easy removal and insertion of SC and small-form-factor connectors in high-density patch panels. Comes with an integrated flashlight to enable visibility in densely populated enclosures and low-light situations. Designed for comfortable one-handed operation, it features long, narrow jaws with universal tips that make connector insertion and removal easy, even in high-density patch panels.

FEATURES
- Comfortable design makes it easy for small or large hands to use
- Contoured notch on one side of tip ensures proper latching

Anixter No.	Vendor No.	Description
333600	CRT-001	Connector Removal Tool with integrated flashlight and two standard AAA batteries

Stripping Tools

CORNING CABLE SYSTEMS

Anixter No.	Vendor No.	Description
193640	3205004-01	Miller tool fiber stripper, plier type
347857	2104502-01	Dual hole tool fiber stripper (for 900 μm and 250 μm fiber)
504873	3206001-01	Wire stripper, 6 in.

Scribe/Scoring Tools

CORNING CABLE SYSTEMS

Anixter No.	Vendor No.	Description
529843	3233004-01	Ruby-blade scribe

Adhesive Applicators

CORNING CABLE SYSTEMS

Syringe tips are used to apply adhesive evenly and cleanly inside the connector tip and body. Pink tip.

Anixter No.	Vendor No.	Description
523923	2104069-02	For epoxy adhesives (pink tip)

Polishing Film

CORNING CABLE SYSTEMS

Anixter No.	Vendor No.	Description
169422	2104071-01	Neon yellow, 12 micron, 5 in. diameter (15 per pack)
502243	1506060-01	1 micron, crystallized white-alumina-coated flock film, 5 in. disk without PSA backing
376235	1506101-01	2 micron, silicon-carbide flat film, 5 in. disk without PSA backing
185823	2104004-02	Gray, 3 micron, 6 in. diameter (50 per pack)
169423	2104072-01	White, 0.3 micron, 5 in. diameter, (50 per pack)
444623	02-012253-002	Clear, 0.02 micron, 5 in. diameter, (50 per pack)

Application Notes

A fiber is a hair-thin, all-glass strand that conducts light. The fiber consists of two solid portions: the core and the cladding. These two portions CANNOT be separated. The light travels through the core while the cladding keeps the light contained within the core. This is accomplished by having a different index of refraction between the core and cladding. There are two types of fibers: multimode and single-mode.

FIBER SIZE -- The fiber size is given as two numbers, the core diameter and the cladding diameter, respectively. For example, 62.5/125 μm is a fiber with a 62.5 μm core that has a 125 μm cladding. The unit of measure for these diameters is micron, abbreviated μ (one one-millionth of a meter or 1 x 10-6 m). Core sizes commonly available for multimode fibers are 50 and 62.5 microns while single-mode cores are 8 to 10 microns.

PRIMARY COATING -- When the fiber is manufactured, it is initially protected with what is called the primary coating. This clear coating is typically made of acrylate and exists on virtually ALL fibers. The purpose of the primary coating is to give the fiber added strength during cabling and general ruggedness in the field during splicing or connectorization. The diameter of this primary coating is most often 250 μm. IMPORTANT: This coating must be stripped off of the fiber before a connector or splice module can be installed.

Outdoor Loose-tube All-dry Cable

COMMSCOPE ENTERPRISE SOLUTIONS

CommScope all-dry outside-plant stranded loose-tube cables deliver the same proven quality and performance offered in all CommScope cabling solutions. The armored and all-dielectric designs are suitable for direct buried, aerial and conduit applications. The construction features the use of dry water-blocking elements and reduced-diameter buffer tubes, yielding a lightweight, smaller cable. The result is a fiber optic cable that is an ideal transmission medium for the outside-plant environment. These designs are available with any of the high-performance SYSTIMAX fiber types, including TeraSPEED Zero Water Peak single-mode fiber and the LazrSPEED multimode fibers. The standard jacket material is medium-density polyethylene (MDPE), with an optional high-density polyethylene (HDPE) jacket available. Additionally, the fiber and buffer tubes are color coded for easy identification.
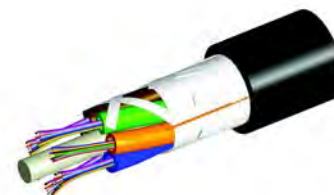
SPECIFICATIONS

1. Operating temperature: -40°F to 158°F (-40°C to 70°C) (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: -22°F to 140°F (-30°C to 60°C)
3. Storage temperature: -40°F to 167°F (-40°C to 75°C)
4. Crush resistance: 250 lb./in. (44 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: 4.34 lb./ft. (5.8 N/mm) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 25 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile performance: short-term/long-term load 2700 N/600 N (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)

FEATURES

- All dry construction removes filling gels and flooding compounds from the cable
- Significantly reduces cable preparation time
- Eliminates the need for solvents and other consumables during cable preparation
- Improves cleanliness of work environment
- Provides full water-blocking protection for outside-plant applications
- Reduced-diameter buffer tubes utilized in the cable constructions
- Reduces overall cable diameter, allowing better duct utilization
- Allows for tighter cable bend radius, loaded and unloaded
- Compatible with all SYSTIMAX apparatus

OPTISPEED 62.5/125 MICRON MULTIMODE, OM1, DIELECTRIC

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz•km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	Cable O.D. (mm)	Max. Tensile Load Installation (lb.)	Max. Tensile Load Installation N	Max. Tensile Load Long Term (lb.)	Max. Tensile Load Long Term N	Min. Bend Radius Installation (in.)	Min. Bend Radius Installation (cm)	Min. Bend Radius Long Term (in.)	Min. Bend Radius Long Term (cm)	Material ID
372-COMOM1-LTD-02	D-002-LN-6F-F02NS	2	0.40	10.2	607	2700	180	800	6.0	15.3	4.0	10.2	760053934
372-COMOM1-LTD-06	D-006-LN-6F-F06NS	6	0.40	10.2	607	2700	180	800	6.0	15.3	4.0	10.2	760053942
372-COMOM1-LTD-12	D-012-LN-6F-F12NS	12	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760053959
372-COMOM1-LTD-24	D-024-LN-6F-F12NS	24	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760053967
372-COMOM1-LTD-48	D-048-LN-6F-F12NS	48	0.40	10.2	607	2700	180	800	6.0	15.3	4.0	10.2	760053983

OPTISPEED 62.5/125 MICRON MULTIMODE, OM1, METALLIC

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz•km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	Cable O.D. (mm)	Max. Tensile Load Installation (lb.)	Max. Tensile Load Installation N	Max. Tensile Load Long Term (lb.)	Max. Tensile Load Long Term N	Min. Bend Radius Installation (in.)	Min. Bend Radius Installation (cm)	Min. Bend Radius Long Term (in.)	Min. Bend Radius Long Term (cm)	Material ID
372-COMOM1-LTA-02	D-002-LA-6F-F02NS	2	0.45	11.5	607	2700	180	111	6.8	17.3	4.5	11.5	760053371
372-COMOM1-LTA-06	D-006-LA-6F-F06NS	6	0.45	11.5	607	2700	180	111	6.8	17.3	4.5	11.5	760053389
372-COMOM1-LTA-12	D-012-LA-6F-F12NS	12	0.46	11.6	607	2700	180	111	9.2	23.3	4.6	11.7	760053397
372-COMOM1-LTA-24	D-024-LA-6F-F12NS	24	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053405
372-COMOM1-LTA-48	D-048-LA-6F-F12NS	48	0.45	11.5	607	2700	180	111	6.8	17.3	4.5	11.5	760053421

Fiber Solutions

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Outdoor Cables

(continued)   Outdoor Loose-tube All-dry Cable

LAZRSPEED 150 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM2, DIELECTRIC

| | | No. of | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	Material ID
372-COMOM2-LTD-02	D-002-LN-5M-F02NS	2	0.40	10.2	607	2700	180	800	6.0	15.3	4.0	10.2	760054049
372-COMOM2-LTD-06	D-006-LN-5M-F06NS	6	0.40	10.2	607	2700	180	800	6.0	15.3	4.0	10.2	760054056
372-COMOM2-LTD-12	D-012-LN-5M-F12NS	12	0.40	10.3	607	2700	180	800	6.0	15.3	4.0	10.2	760054064
372-COMOM2-LTD-24	D-024-LN-5M-F12NS	24	0.40	10.2	607	2700	180	800	6.0	15.3	4.0	10.2	760054072
372-COMOM2-LTD-48	D-048-LN-5M-F12NS	48	0.40	10.2	607	2700	180	800	6.0	15.3	4.0	10.2	760054098

LAZRSPEED 150 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM2, METALLIC

| | | No. of | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	Material ID
372-COMOM2-LTA-02	D-002-LA-5M-F02NS	2	0.45	11.5	607	2700	180	800	4.5	11.5	6.8	17.3	760053496
372-COMOM2-LTA-06	D-006-LA-5M-F06NS	6	0.45	11.5	607	2700	180	800	6.8	17.3	4.5	11.5	760053504
372-COMOM2-LTA-12	D-012-LA-5M-F12NS	12	0.45	11.5	607	2700	180	800	6.8	17.3	4.5	11.5	760053512
372-COMOM2-LTA-24	D-024-LA-5M-F12NS	24	0.45	11.5	607	2700	180	800	6.8	17.3	4.5	11.5	760053520
372-COMOM2-LTA-48	D-048-LA-5M-F12NS	48	0.45	11.5	607	2700	180	800	6.8	17.3	4.5	11.5	760053546

LAZRSPEED 300 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM3, DIELECTRIC

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz•km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

| | | No. of | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	Material ID
372-COMOM3-LTD-02	D-002-LN-5L-F02NS	2	0.40	10.2	607	2700	180	800	6.0	15.3	4.0	10.2	760054155
372-COMOM3-LTD-06	D-006-LN-5L-F06NS	6	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760054163
372-COMOM3-LTD-12	D-012-LN-5L-F12NS	12	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760054171
372-COMOM3-LTD-24	D-024-LN-5L-F12NS	24	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760054189
372-COMOM3-LTD-48	D-048-LN-5L-F12NS	48	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760054205
372-COMOM3-LTD-72	D-072-LN-5L-F12NS	72	0.42	10.6	607	2700	180	800	8.4	21.2	4.2	10.6	760054221
372-COMOM3-LTD-144	D-144-LN-5L-F12NS	144	0.62	15.8	607	2700	180	800	12.5	31.7	6.2	15.8	760054247

LAZRSPEED 300 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM3, METALLIC

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz•km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

| | | No. of | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	Material ID
372-COMOM3-LTA-02	D-002-LA-5L-F02NS	2	0.45	11.5	607	2700	180	800	6.8	17.3	4.5	11.5	760053603
372-COMOM3-LTA-06	D-006-LA-5L-F06NS	6	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053611
372-COMOM3-LTA-12	D-012-LA-5L-F12NS	12	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053629
372-COMOM3-LTA-24	D-024-LA-5L-F12NS	24	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053637
372-COMOM3-LTA-48	D-048-LA-5L-F12NS	48	0.46	11.5	607	2700	180	800	6.8	17.3	4.5	11.5	760053652

LAZRSPEED 550 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM4, DIELECTRIC

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3500/500 MHz•km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
372-COMOM4-LTD-02	D-002-LN-5K-F02NS	2	0.40	10.2	607	2700	180	800	6.0	15.3	4.0	10.2	760054262
372-COMOM4-LTD-06	D-006-LN-5K-F06NS	6	0.40	10.2	607	2700	180	800	6.0	15.3	4.0	10.2	760054270
372-COMOM4-LTD-12	D-012-LN-5K-F12NS	12	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760054288
372-COMOM4-LTD-24	D-024-LN-5K-F12NS	24	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760054296
372-COMOM4-LTD-48	D-048-LN-5K-F12NS	48	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760054312
372-COMOM4-LTD-144	D-144-LN-5K-F12NS	144	0.62	15.8	607	2700	180	800	12.5	31.7	6.2	15.8	760054353
372-COMOM4-LTD-288	D-288-LN-5K-F12NS	288	0.72	18.2	607	2700	180	800	14.3	36.4	7.2	18.2	760054361

LAZRSPEED 550 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM4, METALLIC

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3500/500 MHz•km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
372-COMOM4-LTA-02	D-002-LA-5K-F02NS	2	0.45	11.5	607	2700	180	800	6.8	17.3	4.5	11.5	760053710
372-COMOM4-LTA-06	D-006-LA-5K-F06NS	6	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053728
372-COMOM4-LTA-12	D-012-LA-5K-F12NS	12	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053736
372-COMOM4-LTA-24	D-024-LA-5K-F12NS	24	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053744
372-COMOM4-LTA-36	D-036-LA-5K-F12NS	36	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053751
372-COMOM4-LTA-48	D-048-LA-5K-F12NS	48	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053769

TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE, DIELECTRIC

Maximum attenuation: 0.34/0.31/0.22 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
372-COMOS2-LTD-02	D-002-LN-8W-F02NS	2	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760053827
372-COMOS2-LTD-06	D-006-LN-8W-F06NS	6	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760053835
372-COMOS2-LTD-12	D-012-LN-8W-F12NS	12	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760053843
372-COMOS2-LTD-24	D-024-LN-8W-F12NS	24	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760053850
372-COMOS2-LTD-48	D-048-LN-8W-F12NS	48	0.40	10.2	607	2700	180	800	8.0	20.4	4.0	10.2	760053876
372-COMOS2-LTD-72	D-072-LN-8W-F12NS	72	0.20	10.6	607	2700	180	800	8.4	21.2	4.2	10.6	760053892
372-COMOS2-LTD-288	D-288-LN-8W-F12NS	288	0.72	18.52	607	2700	180	800	14.3	36.4	7.2	18.2	760053926

TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE, METALLIC

Maximum attenuation: 0.34/0.31/0.22 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
372-COMOS2-LTA-02	D-002-LA-8W-F02NS	2	0.45	11.5	607	2700	180	800	6.8	17.3	4.5	11.5	760053264
372-COMOS2-LTA-06	D-006-LA-8W-F06NS	6	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053272
372-COMOS2-LTA-12	D-012-LA-8W-F12NS	12	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053280
372-COMOS2-LTA-24	D-024-LA-8W-F12NS	24	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053298
372-COMOS2-LTA-36	D-036-LA-8W-F12NS	36	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053306
372-COMOS2-LTA-48	D-048-LA-8W-F12NS	48	0.46	11.6	607	2700	180	800	9.2	23.3	4.6	11.7	760053314
372-COMOS2-LTA-72	D-072-LA-8W-F12NS	72	0.48	12.1	607	2700	180	800	9.6	24.3	4.8	12.1	760053330
372-COMOS2-LTA-144	D-144-LA-8W-F12NS	144	0.68	17.3	607	2700	180	800	14.8	37.8	7.4	18.9	760053355

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Indoor/Outdoor Cables

Fiber Solutions

Indoor/Outdoor Loose-tube Cable - Riser

COMMSCOPE ENTERPRISE SOLUTIONS

The Plenum-Rated and Riser-Rated Indoor/Outdoor Stranded Loose Tube Dielectric Cable allows for connectivity ease and superior midspan accessibility. The cable is designed to endure the rigors of outdoor use, but can also be run directly in plenum airspace (plenum only) or riser to eliminate a splice point at the building entrance. This cable provides seamless migration from the campus to the premises by bypassing termination requirements at the building entrance, thereby reducing the total cost of ownership. Both Riser and Plenum constructions utilize 2.5 mm gel-free tubes that eliminate the use of messy filling gel.

A fluoropolymer thermoplastic material (plenum) or PVC (riser) is used for the outer jacket and buffer tubes to provide excellent petrochemical resistance. This also limits flame propagation and smoke generation better than any similar cable design on the market today. These cables are designed for installation loads up to 600 lb. (2700 N) and long-term loads up to 180 lb. (800 N).

All cables meet the mechanical and environmental requirements of Telcordia GR-20-CORE Issue 2 Generic Requirements for Optical Fiber and Optical Fiber Cable and ANSI/ICEA S-87-640 Standard for Optical Fiber Outside Plant Communications Cable.

SPECIFICATIONS

1. Operating temperature: -40°F to 158°F (-40°C to 70°C) (Test Method: FOTP - 3)
2. Installation temperature: -22°F to 140°F (-30°C to 60°C)
3. Storage temperature: -40°F to 167°F (-40°C to 75°C)
4. Crush resistance: 250 lb./in. (44 N/mm) (Test Method: FOTP - 41)
5. Impact resistance: 4.34 lb./ft. (5.88 N/mm) (Test Method: FOTP - 25)
6. Flexing: 25 cycles (Test Method: FOTP - 104)
7. Twist bend: exceeds (Test Method: FOTP - 85)
8. Tensile performance: short-term/long-term load 2700 N/600 N (Test Methods: FOTP-33, 38, IEC 60794-1-2E1A, E1B)
9. Cable jacket: UV-stabilized black
10. Buffer tubes and fibers are identified with standard color coding

Technical Information & Standards

Plenum cable is (ETL and cETL) Type OFNP
Riser cable is (ETL and cETL) Type OFNR

OPTISPEED 62.5/125 MICRON MULTIMODE, OM1
Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz•km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
373-COMOM1-LTRD-02LD	R-002-LN-6F-F02BK/25D/LTS	2	0.45	11.5	607	2700	180	800	6.2	15.7	4.1	10.4	760112466
373-COMOM1-LTRD-06LD	R-006-LN-6F-F06BK/25D/LTS	6	0.45	11.5	607	2700	180	800	9.1	23.1	4.5	11.5	760112474
373-COMOM1-LTRD-12LD	R-012-LN-6F-F12BK/25D/LTS	12	0.45	11.5	607	2700	180	800	9.1	23.1	4.5	11.5	760112482
373-COMOM1-LTRD-24LD	R-024-LN-6F-F12BK/25D/LTS	24	0.45	11.5	607	2700	180	800	9.1	23.1	4.5	11.5	760112490
373-COMOM1-LTRD-48LD	R-048-LN-6F-F12BK/25D/LTS	48	0.45	11.5	607	2700	180	800	9.1	23.1	4.5	11.5	760112516

LAZRSPEED 150 50/125 MICRON MULTIMODE, OM2

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
373-COMOM2-LTRD-02LD	R-002-LN-5M-F02BK/25D/LTS	2	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112524
373-COMOM2-LTRD-06LD	R-006-LN-5M-F06BK/25D/LTS	6	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112532
373-COMOM2-LTRD-12LD	R-012-LN-5M-F12BK/25D/LTS	12	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112540
373-COMOM2-LTRD-24LD	R-024-LN-5M-F12BK/25D/LTS	24	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112557
373-COMOM2-LTRD-48LD	R-048-LN-5M-F12BK/25D/LTS	48	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112573

LAZRSPEED 300 50/125 MICRON MULTIMODE, OM3

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
373-COMOM3-LTRD-02LD	R-002-LN-5L-F02BK/25D/LTS	2	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112581
373-COMOM3-LTRD-06LD	R-006-LN-5L-F06BK/25D/LTS	6	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112599
373-COMOM3-LTRD-12LD	R-012-LN-5L-F12BK/25D/LTS	12	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112607
373-COMOM3-LTRD-24LD	R-024-LN-5L-F12BK/25D/LTS	24	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112615
373-COMOM3-LTRD-48LD	R-048-LN-5L-F12BK/25D/LTS	48	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112631

LAZRSPEED 550 50/125 MICRON MULTIMODE, OM4

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
373-COMOM4-LTRD-02LD	R-002-LN-5K-F02BK/25D/LTS	2	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112649
373-COMOM4-LTRD-06LD	R-006-LN-5K-F06BK/25D/LTS	6	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112656
373-COMOM4-LTRD-12LD	R-012-LN-5K-F12BK/25D/LTS	12	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112664
373-COMOM4-LTRD-24LD	R-024-LN-5K-F12BK/25D/LTS	24	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112672
373-COMOM4-LTRD-48LD	R-048-LN-5K-F12BK/25D/LTS	48	0.41	10.4	300	1335	90	400	6.2	15.7	4.1	10.4	760112698

TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE
Maximum attenuation: 0.34/0.31/0.22 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
373-COMOS2-LTRD-02LD	R-002-LN-8W-F02BK/25D/LTS	2	0.45	11.5	607	2700	180	800	6.8	17.3	4.5	11.5	760112409
373-COMOS2-LTRD-06LD	R-006-LN-8W-F06BK/25D/LTS	6	0.45	11.5	607	2700	180	800	9.1	23.1	4.5	11.5	760112417
373-COMOS2-LTRD-12LD	R-012-LN-8W-F12BK/25D/LTS	12	0.45	11.5	607	2700	180	800	9.1	23.1	4.5	11.5	760112425
373-COMOS2-LTRD-24LD	R-024-LN-8W-F12BK/25D/LTS	24	0.45	11.5	607	2700	180	800	9.1	23.1	4.5	11.5	760112433
373-COMOS2-LTRD-48LD	R-048-LN-8W-F12BK/25D/LTS	48	0.45	11.5	607	2700	180	800	9.1	23.1	4.5	11.5	760112458

Indoor/Outdoor Loose-tube Cable - Plenum

COMMSCOPE ENTERPRISE SOLUTIONS

The Plenum-Rated and Riser-Rated Indoor/Outdoor Stranded Loose-Tube Dielectric Cable allows for connectivity ease and superior midspan accessibility. The cable is designed to endure the rigors of outdoor use, but can also be run directly in plenum airspace (plenum only) or riser to eliminate a splice point at the building entrance. This cable provides seamless migration from the campus to the premises by bypassing termination requirements at the building entrance, thereby reducing the total cost of ownership. Both Riser and Plenum constructions utilize 2.5 mm gel-free tubes that eliminate the use of messy filling gel.

A fluoropolymer thermoplastic material (plenum) or PVC (riser) is used for the outer jacket and buffer tubes to provide excellent petrochemical resistance. This also limits flame propagation and smoke generation better than any similar cable design on the market today. These cables are designed for installation loads up to 600 lb. (2700 N) and long-term loads up to 180 lb. (800 N).

All cables meet the mechanical and environmental requirements of Telcordia GR-20-CORE Issue 2 Generic Requirements for Optical Fiber and Optical Fiber Cable and ANSI/ICEA S-87-640 Standard for Optical Fiber Outside Plant Communications Cable.

SPECIFICATIONS
1. Operating temperature: -40°F to 158°F (-40°C to 70°C) (Test Method: FOTP - 3)
2. Installation temperature: -22°F to 140°F (-30°C to 60°C)
3. Storage temperature: -40°F to 167°F (-40°C to 75°C)
4. Crush resistance: 250 lb./in. (44 N/mm) (Test Method: FOTP - 41)
5. Impact resistance: 4.34 lb./ft. (5.88 N/mm) (Test Method: FOTP - 25)
6. Flexing: 25 cycles (Test Method: FOTP - 104)

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Indoor/Outdoor Cables

(continued)   Indoor/Outdoor Loose-tube Cable - Plenum

7. Twist bend: exceeds (Test Method: FOTP - 85)
8. Tensile performance: short-term/long-term load 2700 N/600 N (Test Methods: FOTP-33, 38, IEC 60794-1-2E1A, E1B)
9. Cable jacket: UV-stabilized black
10. Buffer tubes and fibers are identified with standard color coding

Technical Information & Standards
Plenum cable is (ETL and cETL) Type OFNP
Riser cable is (ETL and cETL) Type OFNR

OPTISPEED 62.5/125 MICRON MULTIMODE, OM1
Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz•km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	Cable O.D. (mm)	Max. Tensile Load Installation (lb.)	Max. Tensile Load Installation N	Max. Tensile Load Long Term (lb.)	Max. Tensile Load Long Term N	Min. Bend Radius Installation (in.)	Min. Bend Radius Installation (cm)	Min. Bend Radius Long Term (in.)	Min. Bend Radius Long Term (cm)	Material ID
373-COMOM1-LTPD-06	P-006-LN-6F-F06BK/25D	6	0.38	9.7	607	2700	180	800	7.7	19.4	3.8	9.7	760094854
373-COMOM1-LTPD-12	P-012-LN-6F-F12BK/25D	12	0.38	9.7	607	2700	180	800	7.7	19.4	3.8	9.7	760106898
373-COMOM1-LTPD-24	P-024-LN-6F-F12BK/25D	24	0.38	9.7	607	2700	180	800	7.7	19.4	3.8	9.7	760094938
373-COMOM1-LTPD-48	P-048-LN-6F-F12BK/25D	48	0.38	9.7	607	2700	180	800	7.7	19.4	3.8	9.7	760094979
373-COMOM1-LTPD-72	P-072-LN-6F-F12BK/25D	72	0.40	10.1	607	2700	180	800	20.2	8.0	4.0	10.1	760095018

LAZRSPEED 150 50/125 MICRON MULTIMODE, OM2

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	Cable O.D. (mm)	Max. Tensile Load Installation (lb.)	Max. Tensile Load Installation N	Max. Tensile Load Long Term (lb.)	Max. Tensile Load Long Term N	Min. Bend Radius Installation (in.)	Min. Bend Radius Installation (cm)	Min. Bend Radius Long Term (in.)	Min. Bend Radius Long Term (cm)	Material ID
373-COMOM2-LTPD-36	P-036-LN-5M-F12BK/25D	36	0.38	9.7	607	2700	180	800	14.6	5.7	3.8	9.7	760141580
373-COMOM2-LTPD-48	P-048-LN-5M-F12BK/25D	48	0.38	9.7	607	2700	180	800	14.6	5.7	3.8	9.7	760106948

LAZRSPEED 300 50/125 MICRON MULTIMODE, OM3

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	Cable O.D. (mm)	Max. Tensile Load Installation (lb.)	Max. Tensile Load Installation N	Max. Tensile Load Long Term (lb.)	Max. Tensile Load Long Term N	Min. Bend Radius Installation (in.)	Min. Bend Radius Installation (cm)	Min. Bend Radius Long Term (in.)	Min. Bend Radius Long Term (cm)	Material ID
373-COMOM3-LTPD-06	P-006-LN-5L-F06BK/25D	6	0.38	9.7	607	2700	180	800	5.7	14.6	3.8	9.7	760106872
373-COMOM3-LTPD-36	P-036-LN-5L-F12BK/25D	36	0.38	9.7	607	2700	180	800	5.7	14.6	3.8	9.7	760116095
373-COMOM3-LTPD-48	P-048-LN-5L-F12BK/25D	48	0.38	9.7	607	2700	180	800	5.7	14.6	3.8	9.7	760094995

LAZRSPEED 550 50/125 MICRON MULTIMODE, OM4

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	Cable O.D. (mm)	Max. Tensile Load Installation (lb.)	Max. Tensile Load Installation N	Max. Tensile Load Long Term (lb.)	Max. Tensile Load Long Term N	Min. Bend Radius Installation (in.)	Min. Bend Radius Installation (cm)	Min. Bend Radius Long Term (in.)	Min. Bend Radius Long Term (cm)	Material ID
373-COMOM4-LTPD-36	P-036-LN-5K-F12BK/25D	36	0.38		607	2700	180	800	5.7	14.6	3.8	9.7	760105346
373-COMOM4-LTPD-48	P-048-LN-5K-F12BK/25D	48	0.38		607	2700	180	800	5.7	14.6	3.8	9.7	760103531

TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE
Maximum attenuation: 0.34/0.31/0.22 dB/km (1310/1385/1550 nm)

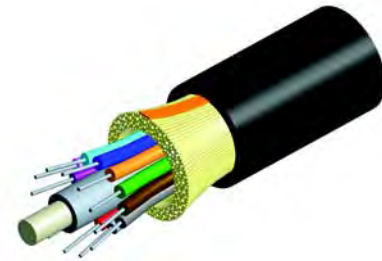| Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	Cable O.D. (mm)	Max. Tensile Load Installation (lb.)	Max. Tensile Load Installation N	Max. Tensile Load Long Term (lb.)	Max. Tensile Load Long Term N	Min. Bend Radius Installation (in.)	Min. Bend Radius Installation (cm)	Min. Bend Radius Long Term (in.)	Min. Bend Radius Long Term (cm)	Material ID
373-COMOS2-LTPD-12	P-012-LN-8W-F12BK/25D	12	0.38	9.7	300	1335	90	400	14.1	35.8	9.9	25.1	760106880
373-COMOS2-LTPD-24	P-024-LN-8W-F12BK/25D	24	0.38	9.7	300	1335	90	400	14.1	35.8	9.9	25.1	760106922
373-COMOS2-LTPD-48	P-048-LN-8W-F12BK/25D	48	0.38	9.7	607	2700	180	800	7.7	19.4	3.8	9.7	760094961
373-COMOS2-LTPD-72	P-072-LN-8W-F12BK/25D	72	0.40	10.1	607	2700	180	800	8.0	20.2	4.0	10.1	760095000

Fiber Solutions

Indoor/Outdoor Tight-buffered Cable - Riser

COMMSCOPE ENTERPRISE SOLUTIONS

The indoor/outdoor distribution cable provides network performance for the applications of today and tomorrow that can be used in nontraditional building entrance facilities.

SPECIFICATIONS

1. Operating temperature: -40°F to 158°F (-40°C to 70°C)
   (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: -22°F to 158°F (-30°C to 70°C)
3. Storage temperature: -40°F to 167°F (-40°C to 70°C)
4. Crush resistance: exceeds 126 lb./in. (22 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: exceeds 4.34 lb./ft. (5.8 N/mm) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 100 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile performance: exceeds (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)
9. Fibers are identified with standard color coding

FEATURES

- 900 micron tight buffered construction allows for direct termination eliminating the need for furcation which minimizes installation expense
- Utilizes water-blocking technology which makes the cable suitable for the outside plant environment, with gel-free cable access
- Black, UV-stabilized jacket is resistant to chemical, moisture, abrasion and sunlight and does not require additional protection in most installations
- All-dielectric construction eliminates the need for bonding and grounding
- Tested and qualified to GR-409 with GR-20 environmental limits and ICEA-696 and ICEA-640 environmental limits. Meets requirements for tight buffered constructions and suitable of installation in true OSP environmental conditions

Technical Information & Standards

Riser cable is (ETL and cETL) TYPE OFNR

OPTISPEED 62.5/125 MICRON MULTIMODE, OM1

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz•km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	Cable O.D. (mm)	Max. Tensile Load Installation (lb.)	Max. Tensile Load Installation N	Max. Tensile Load Long Term (lb.)	Max. Tensile Load Long Term N	Min. Bend Radius Installation (in.)	Min. Bend Radius Installation (cm)	Min. Bend Radius Long Term (in.)	Min. Bend Radius Long Term (cm)	Material ID
373-COMOM1-TBDLSZH02	Z-002-DS-6F-FSUBK	2	0.15	3.8	225	10000	68	300	1.5	3.8	2.3	5.8	760141549
373-COMOM1-TBDLSZH06	Z-006-DS-6F-FSUBK	6	0.25	6.4	300	1335	90	400	2.2	5.5	4.4	11.1	760054973
373-COMOM1-TBDLSZH12	Z-012-DS-6F-FSUBK	12	0.28	7.2	400	1780	120	534	2.8	7.2	5.7	14.4	700211279
373-COMOM1-TBDLSZH24	Z-024-DS-6F-FMUBK	24	0.67	16.9	600	2670	180	801	6.7	16.9	13.3	33.9	700211287
373-COMOM1-TBDLSZH48	Z-048-DS-6F-FMUBK	48	0.77	19.5	800	3560	240	1068	7.7	19.5	11.5	29.2	760075077

LAZRSPEED 150 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM2

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 1500/500 MHz•km (850/1300 nm); bandwidth laser: 2,000/500 (850/1300 nm);
one Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	Cable O.D. (mm)	Max. Tensile Load Installation (lb.)	Max. Tensile Load Installation N	Max. Tensile Load Long Term (lb.)	Max. Tensile Load Long Term N	Min. Bend Radius Installation (in.)	Min. Bend Radius Installation (cm)	Min. Bend Radius Long Term (in.)	Min. Bend Radius Long Term (cm)	Material ID
373-COMOM2-TBDLSZH02	Z-002-DS-5M-FSUBK	2	0.15	3.8	225	10000	68	300	2.3	5.8	1.5	3.8	760138859
373-COMOM2-TBDLSZH06	Z-006-DS-5M-FSUBK	6	0.22	5.5		1335	90	400	2.2	5.5	3.3	8.3	760046631
373-COMOM2-TBDLSZH12	Z-012-DS-5M-XSUBK	12	0.28	7.2	400	1780	120	534	2.8	7.2	5.7	14.4	700211014
373-COMOM2-TBDLSZH24	Z-024-DS-5M-FSUBK	24	0.61	15.4	300	1335	90	400	3.4	8.7	6.9	17.4	760070284

Fiber Solutions

Indoor/Outdoor Cables

(continued)   Indoor/Outdoor Tight-buffered Cable - Riser

LAZRSPEED 300 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM3
Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz•km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm);
one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
373-COMOM3-TBDLSZH02	Z-002-DS-5L-FSUBK	2	0.15	3.8	225	10000	68	300	1.5	3.8	2.3	5.8	760143198
373-COMOM3-TBDLSZH06	Z-006-DS-5L-FSUBK	6	0.22	5.5	300	1335	90	400	2.2	5.5	3.3	8.3	760039966
373-COMOM3-TBDLSZH12	Z-012-DS-5L-FSUBK	12	0.28	7.2	300	1780	120	534	2.8	7.2	5.7	14.4	700210982
373-COMOM3-TBDLSZH24	Z-024-DS-5L-FSUBK	24	0.34	8.7	300	1335	90	400	3.4	8.7	6.9	17.4	760070292
373-COMOM3-TBDLSZH48	Z-048-DS-5L-FMUBK	48	0.77	19.5	800	3560	240	1068	7.7	19.5	11.5	29.2	760010371

LAZRSPEED 550 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM4
Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3500/500 MHz•km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm);
one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
373-COMOM4-TBDLSZH06	Z-006-DS-5K-FSUBK	6	0.22	5.5	300	1335	90	400	2.2	5.5	3.3	8.3	760039974
373-COMOM4-TBDLSZH12	Z-012-DS-5K-FSUBK	12	0.28	7.2	400	1780	120	534	2.8	7.2	5.7	14.4	760006650
373-COMOM4-TBDLSZH24	Z-024-DS-5K-FSUBK	24	0.34	8.7	300	1335	90	400	6.9	17.4	3.4	8.7	760070300
373-COMOM4-TBDLSZH48	Z-048-DS-5K-FMUBK	48	0.77	19.5	800	3560	240	1068	7.7	19.5	11.5	29.2	760130864

TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE
Maximum attenuation: 0.70/0.70/0.70 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
373-COMOS2-TBDLSZH02	Z-002-DS-8W-FSUBK	2	0.15	3.8	225	10000	68	300	1.5	3.8	2.3	5.8	760150490
373-COMOS2-TBDLSZH06	Z-006-DS-8W-FSUBK	6	0.22	5.5	300	1335	90	400	2.2	5.5	3.3	8.3	760009753
373-COMOS2-TBDLSZH12	Z-012-DS-8W-FSUBK	12	0.28	7.2	400	1780	120	534	2.8	7.2	5.7	14.4	760004184
373-COMOS2-TBDLSZH24	Z-024-DS-8W-FSUBK	24	0.34	8.7	300	1335	90	400	3.4	8.7	6.9	17.4	760070276
373-COMOS2-TBDLSZH48	Z-048-DS-8W-FMUBK	48	0.77	19.5	800	3560	240	1068	7.7	19.5	11.5	29.2	760090309

Indoor/Outdoor Tight-buffered Cable - Plenum

COMMSCOPE ENTERPRISE SOLUTIONS

The indoor/outdoor distribution cable provides network performance for the applications of today and tomorrow that can be used in non-traditional building entrance facilities.

SPECIFICATIONS
1. Operating temperature: -40°F to 158°F (-40°C to 70°C)
   (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: -22°F to 158°F (-30°C to 70°C)
3. Storage temperature: -40°F to 167°F (-40°C to 70°C)
4. Crush resistance: exceeds 126 lb./in. (22 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: exceeds 4.34 lb./ft. (5.8 N/mm) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 100 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile performance: exceeds (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)
9. Fibers are identified with standard color coding

FEATURES

• 900 micron tight buffered construction allows for direct termination, eliminating the need for furcation, which minimizes installation expense
• Utilizes water-blocking technology which makes the cable suitable for the outside plant environment, with gel-free cable access
• Black, UV-stabilized jacket is resistant to chemical, moisture, abrasion and sunlight and does not require additional protection in most installations

Fiber Solutions

Indoor/Outdoor Cables

- All-dielectric construction eliminates the need for bonding and grounding
- Tested and qualified to GR-409 with GR-20 environmental limits and ICEA-696 and ICEA-640 environmental limits. Meets requirements for tight buffered constructions and suitable of installation in true OSP environmental conditions

Technical Information & Standards

Plenum cable is NEC OFNP (ETL) and c(ETL) Listed

OPTISPEED 62.5/125 MICRON MULTIMODE, OM1

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz•km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

		No. of	Cable O.D.		Max. Tensile Load Installation		Long Term		Min. Bend Radius Installation		Long Term		
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	Material ID
373-COMOM1-TBD-06	P-006-OD-6F-FSUBK	6	0.21	5.4	300	1335	90	400	3.2	8.1	2.1	5.4	760036392
373-COMOM1-TBD-12	P-012-OD-6F-FSUBK	12	0.27	6.9	300	1335	90	400	4.1	10.4	2.7	6.9	760037259
373-COMOM1-TBD-24	P-024-OD-6F-FSUBK	24	0.31	7.9	300	1335	90	400	4.7	11.9	3.1	7.9	760037275

LAZRSPEED 150 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM2

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 1500/500 MHz•km (850/1300 nm); bandwidth laser: 2,000/500 (850/1300 nm); one Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 300 m (850 nm)

		No. of	Cable O.D.		Max. Tensile Load Installation		Long Term		Min. Bend Radius Installation		Long Term		
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	Material ID
373-COMOM2-TBD-06	P-006-OD-5M-FSUBK	6	0.21	5.4	300	1335	90	400	3.2	8.1	2.1	5.4	760036400
373-COMOM2-TBD-12	P-012-OD-5M-FSUBK	12	0.27	6.9	300	1335	90	400	4.1	10.4	2.7	6.9	760037317
373-COMOM2-TBD-24	P-024-OD-5M-FSUBK	24	0.31	7.9	300	1335	90	400	4.7	11.9	3.1	7.9	760037333

LAZRSPEED 300 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM3

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz•km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

		No. of	Cable O.D.		Max. Tensile Load Installation		Long Term		Min. Bend Radius Installation		Long Term		
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	Material ID
373-COMOM3-TBD-06	P-006-OD-5L-FSUBK	6	0.21	5.4	300	1335	90	400	3.2	8.1	2.1	5.4	760036418
373-COMOM3-TBD-12	P-012-OD-5L-FSUBK	12	0.27	6.9	300	1335	90	400	4.1	10.4	2.7	6.9	760037374
373-COMOM3-TBD-24	P-024-OD-5L-FSUBK	24	0.31	7.9	300	1335	90	400	4.7	11.9	3.1	7.9	760037390

LAZRSPEED 550 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM4

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3500/500 MHz•km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

		No. of	Cable O.D.		Max. Tensile Load Installation		Long Term		Min. Bend Radius Installation		Long Term		
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	Material ID
373-COMOM4-TBD-06	P-006-OD-5K-FSUBK	6	0.21	5.4	300	1335	90	400	3.2	8.1	2.1	5.4	760036426
373-COMOM4-TBD-12	P-012-OD-5K-FSUBK	12	0.27	6.9	300	1335	90	400	4.1	10.4	2.7	6.9	760037432
373-COMOM4-TBD-24	P-024-OD-5K-FSUBK	24	0.19	4.8	300	1335	90	400	3.8	9.7	1.9	4.8	760037457

TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE

Maximum attenuation: 0.70/0.70/0.70 dB/km (1310/1385/1550 nm)

		No. of	Cable O.D.		Max. Tensile Load Installation		Long Term		Min. Bend Radius Installation		Long Term		
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	Material ID
373-COMOS2-TBD-06	P-006-OD-8W-FSUBK	6	0.21	5.4	300	1335	90	400	3.2	8.1	2.1	5.4	760036384
373-COMOS2-TBD-12	P-012-OD-8W-FSUBK	12	0.27	6.9	300	1335	90	400	4.1	10.4	2.7	6.9	760037192
373-COMOS2-TBD-24	P-024-OD-8W-FSUBK	24	0.31	7.9	300	1335	90	400	4.7	11.9	3.1	7.9	760037218

Fiber Solutions

Indoor Cables

Building Cables - Riser

COMMSCOPE ENTERPRISE SOLUTIONS

The LazrSPEED Building Cables consist of laser-optimized 50/125 μm optical fibers. All LazrSPEED fibers are Differential Mode Delay (DMD) tested. The CommScope Labs use a high-resolution DMD test bench that exceeds the FOTP-220 standards and is independently certified by UL. The LazrSPEED building cable is constructed with tight buffer fibers, aramid-strength yarn, and is available in PVC, plenum and low smoke zero halogen outer jacket. These cables are designed for point-to-point applications as well as midspan access, and provide a high level of protection for fiber installed in the building environment.

SPECIFICATIONS

1. Operating temperature: -4°F to 158°F (-20°C to 70°C) (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: 32°F to 158°F (0°C to 70°C)
3. Storage temperature: -40°F to 158°F (-40°C to 70°C)
4. Crush resistance: exceeds 57.3 lb./in. (10 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: exceeds 4.34 lb./ft. (5.8 N/mm) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 100 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile performance: exceeds (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)
9. Fibers are identified with standard color coding

Technical Information & Standards

Riser cable is (ETL and cETL) Type OFNR

OPTISPEED 62.5/125 MICRON MULTIMODE, OM1

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz•km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
371-COMOM1-TBD-02	R-002-DS-6F-FSUSL	2	0.16	4.1	225	1001	67	300	2.4	6.1	1.6	4.1	700009640
371-COMOM1-TBD-06	R-006-DS-6F-FSUSL	6	0.20	5.1	300	1335	90	400	4.1	10.3	2.0	5.1	700009509
371-COMOM1-TBD-12	R-012-DS-6F-FSUSL	12	0.24	6.0	300	1335	90	400	4.8	12.1	2.4	6.0	700009384
371-COMOM1-TBD-24	R-024-DS-6F-FSUSL	24	0.33	8.4	300	1335	90	400	6.6	16.7	3.3	8.4	760018531
371-COMOM1-TBD-36	R-036-DS-6F-FMUSL	36	0.57	14.6	800	3560	240	1068	11.5	29.3	5.7	14.6	700009178
371-COMOM1-TBD-48	R-048-DS-6F-FMUSL	48	0.63	16.0	600	2668	90	400	14.6	37	7.3	18.5	700009087
371-COMOM1-TBD-72	R-072-DS-6F-FMUSL	72	0.79	18.5	1000	2668	90	400	14.6	37	7.3	18.5	700008998

LAZRSPEED 150 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM2

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 1500/500 MHz•km (850/1300 nm); bandwidth laser: 2,000/500 (850/1300 nm); one Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
371-COMOM2-TBD-02	R-002-DS-5M-FSUAQ	2	0.16	4.1	225	1001	67	300	2.4	6.1	1.6	4.1	700203052
371-COMOM2-TBD-06	R-006-DS-5M-FSUAQ	6	0.20	5.1	300	1335	90	400	4.1	10.3	2.0	5.1	700203078
371-COMOM2-TBD-12	R-012-DS-5M-FSUAQ	12	0.24	6.0	300	1335	90	400	4.8	12.1	2.4	6.0	700203086
371-COMOM2-TBD-24	R-024-DS-5M-FSUAQ	24	0.33	8.4	300	1335	90	400	6.6	16.7	3.3	8.4	760018549
371-COMOM2-TBD-48	R-048-DS-5M-FMUAQ	48	0.63	16.1	800	3560	240	400	9.5	24.2	6.3	16.1	700203110

ANIXTER

LAZRSPEED 300 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM3
Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz•km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm);
one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

| | | No. of | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	Material ID
371-COMOM3-TBD-02	R-002-DS-5L-FSUAQ	2	0.16	4.1	225	1001	90	300	2.4	6.1	1.6	4.1	700208127
371-COMOM3-TBD-06	R-006-DS-5L-FSUAQ	6	0.20	5.1	300	1335	90	400	4.1	10.5	2.0	5.1	700208143
371-COMOM3-TBD-12	R-012-DS-5L-FSUAQ	12	0.24	6.0	300	1335	90	400	4.8	12.1	2.4	6.0	700208150
371-COMOM3-TBD-24	R-024-DS-5L-FSUAQ	24	0.33	8.4	300	1335	90	400	6.6	16.7	3.3	8.4	760018556
371-COMOM3-TBD-48	R-048-DS-5L-FMUAQ	48	0.63	16.1	800	3560	240	1068	9.5	24.2	6.3	16.1	700208218

LAZRSPEED 550 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM4
Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3500/500 MHz•km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm);
one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

| | | No. of | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	Material ID
371-COMOM4-TBD-06	R-006-DS-5K-FSUAQ	6	0.20	4.7	300	1335	90	400	3.7	9.5	1.9	4.7	760012104
371-COMOM4-TBD-12	R-012-DS-5K-FSUAQ	12	0.24	5.7	300	1335	90	400	4.5	11.4	2.2	5.7	760012112
371-COMOM4-TBD-24	R-024-DS-5K-FSUAQ	24	0.33	8.4	300	1335	90	400	6.6	16.7	3.3	8.4	760018564
371-COMOM4-TBD-48	R-048-DS-5K-FMUAQ	48	0.63	16.1	800	3560	240	1068	9.5	24.2	6.3	16.1	760026849

TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE
Maximum attenuation: 0.70/0.70/0.70 dB/km (1310/1385/1550 nm)

| | | No. of | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | | |
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)	Material ID
371-COMOS2-TBD-02	R-002-DS-8W-FSUYL	2	0.16	4.1	225	1001	67	300	2.4	6.1	1.6	4.1	760004408
371-COMOS2-TBD-06	R-006-DS-8W-FSUYL	6	0.20	5.1	300	1335	90	400	4.1	10.3	2.0	5.1	760004424
371-COMOS2-TBD-12	R-012-DS-8W-FSUYL	12	0.24	6.0	300	1335	90	400	4.8	12.1	2.4	6.0	760004440
371-COMOS2-TBD-24	R-024-DS-8W-FSUYL	24	0.33	8.4	300	1335	90	400	6.6	16.7	3.3	8.4	760018515
371-COMOS2-TBD-36	R-036-DS-8W-FMUYL	36	0.57	14.6	800	3560	240	1068	11.5	29.3	5.7	14.6	760004465
371-COMOS2-TBD-48	R-048-DS-8W-FMUYL	48	0.63	16.1	800	3560	240	1068	9.5	24.2	6.3	16.1	760004473
371-COMOS2-TBD-72	R-072-DS-8W-FMUYL	72	0.79	20	300	1335	1000	4450	15.8	40.1	7.9	20.0	760004481

Building Cables - Plenum

COMMSCOPE ENTERPRISE SOLUTIONS
The LazrSPEED Building Cables consist of laser-optimized 50/125 μm optical fibers. All LazrSPEED fibers are Differential Mode Delay (DMD) tested. The CommScope Labs use a high-resolution DMD test bench that exceeds the FOTP-220 standards and is independently certified by UL. The LazrSPEED building cable is constructed with tight buffer fibers, aramid-strength yarn, and is available in PVC, plenum and low smoke zero halogen outer jacket. These cables are designed for point-to-point applications as well as midspan access, and provide a high level of protection for fiber installed in the building environment.

SPECIFICATIONS
1. Operating temperature: -4°F to 158°F (-20°C to 70°C) (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: 32°F to 158°F (0°C to 70°C)
3. Storage temperature: -40°F to 158°F (-40°C to 70°C)
4. Crush resistance: exceeds 57.3 lb./in. (10 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: exceeds 4.34 lb./ft. (5.8 N/mm) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 100 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile performance: exceeds (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)
9. Fibers are identified with standard color coding

Fiber Solutions

Indoor Cables

(continued) Building Cables - Plenum

Technical Information & Standards
Plenum cable is (ETL and cETL) Type OFNP

OPTISPEED 62.5/125 MICRON MULTIMODE, OM1
Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz•km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
370-COMOM1-TBD-02	P-002-DS-6F-FSUSL	2	0.15	3.9	225	1001	67	300	3	7.8	1.5	3.9	700009657
370-COMOM1-TBD-06	P-006-DS-6F-FSUSL	6	0.19	4.8	300	1335	90	400	3.8	9.7	1.9	4.8	700009517
370-COMOM1-TBD-12	P-012-DS-6F-FSUSL	12	0.23	5.9	300	1335	90	400	4.6	11.7	2.3	5.9	700009392
370-COMOM1-TBD-24	P-024-DS-6F-FSUSL	24	0.33	8.5	300	1335	90	400	6.7	16.9	3.3	8.5	760018663
370-COMOM1-TBD-48	P-048-DS-6F-FMUOR	48	0.59	15.1	800	3560	240	1068	11.9	30.2	5.9	15.1	760124834
370-COMOM1-TBD-72	P-072-DS-6F-FMUOR	72	0.75	19.1	1000	4450	300	1335	15	38.2	7.5	19.1	760028050

LAZRSPEED 150 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM2
Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 1500/500 MHz•km (850/1300 nm); bandwidth laser: 2,000/500 (850/1300 nm);
one Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
370-COMOM2-TBD-02	P-002-DS-5M-FSUAQ	2	0.15	3.9	225	1001	67	300	3.1	7.8	1.5	3.9	700009871
370-COMOM2-TBD-06	P-006-DS-5M-FSUAQ	6	0.19	4.8	300	1335	90	400	3.8	9.7	1.9	4.8	700009798
370-COMOM2-TBD-12	P-012-DS-5M-FSUAQ	12	0.23	5.9	300	1335	90	400	4.6	11.7	2.3	5.9	700009756
370-COMOM2-TBD-24	P-024-DS-5M-FSUAQ	24	0.33	8.5	300	1335	90	400	6.7	16.9	3.3	8.5	760018671
370-COMOM2-TBD-48	P-048-DS-5M-FMUAQ	48	0.59	15.1	800	3560	240	1068	5.9	15.1	8.9	22.7	700211105

LAZRSPEED 300 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM3
Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz•km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm);
one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
370-COMOM3-TBD-02	P-002-DS-5L-FSUAQ	2	0.15	3.9	225	1001	67	300	2.3	5.9	1.5	3.9	700009855
370-COMOM3-TBD-06	P-006-DS-5L-FSUAQ	6	0.19	4.8	300	1335	90	400	3.8	9.7	1.9	4.8	700009772
370-COMOM3-TBD-12	P-012-DS-5L-FSUAQ	12	0.23	5.9	300	1335	90	400	4.6	11.7	2.3	5.9	700009731
370-COMOM3-TBD-24	P-024-DS-5L-FSUAQ	24	0.33	8.5	300	1335	90	400	6.7	16.9	3.3	8.5	760018689
370-COMOM3-TBD-48	P-048-DS-5L-FMUAQ	48	0.59	15.1	800	3560	240	1068	8.9	22.7	5.9	15.1	700211147

LAZRSPEED 550 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM4
Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3500/500 MHz•km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm);
one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
370-COMOM4-TBD-02	P-002-DS-5K-FSUAQ	2	0.15	3.9	225	1001	67	300	2.3	5.9	1.5	3.9	760057034
370-COMOM4-TBD-06	P-006-DS-5K-FSUAQ	6	0.19	4.7	300	1335	90	400	3.7	9.5	1.9	4.7	760012138
370-COMOM4-TBD-12	P-012-DS-5K-FSUAQ	12	0.23	5.7	300	1335	90	400	4.5	11.4	2.2	5.7	760006411
370-COMOM4-TBD-24	P-024-DS-5K-FSUAQ	24	0.33	8.5	300	1335	90	400	6.7	16.9	3.3	8.5	760018697
370-COMOM4-TBD-48	P-048-DS-5K-FMUAQ	48	0.59	15.1	800	3560	240	1068	8.9	22.7	5.9	15.1	760024554

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TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE
Maximum attenuation: 0.70/0.70/0.70 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
370-COMOS2-TBD-02	P-002-DS-8W-FSUYL	2	0.15	3.9	225	1001	67	300	2.3	5.9	1.5	3.9	760004317
370-COMOS2-TBD-06	P-006-DS-8W-FSUYL	6	0.19	4.8	300	1335	90	400	3.8	9.7	1.9	4.8	760004333
370-COMOS2-TBD-12	P-012-DS-8W-FSUYL	12	0.23	5.8	300	1335	90	400	4.6	11.7	2.3	5.9	760004358
370-COMOS2-TBD-24	P-024-DS-8W-FSUYL	24	0.33	8.5	300	1335	90	400	6.7	16.9	3.3	8.5	760018630
370-COMOS2-TBD-36	P-036-DS-8W-FMUYL	36	0.54	13.7	800	3560	240	1068	10.8	27.4	5.4	13.7	760004374
370-COMOS2-TBD-48	P-048-DS-8W-FMUYL	48	0.59	15.1	800	3560	240	1068	11.9	30.2	5.9	15.1	760004382
370-COMOS2-TBD-72	P-072-DS-8W-FMUYL	72	0.75	19.1	300	1335	90	400	22.1	56.1	15.5	39.3	760004390

Interlocking Armored Cables - Riser

COMMSCOPE ENTERPRISE SOLUTIONS

CommScope Interlocking Armored Fiber Optic Cable provides superior protection and space savings. It provides installation protection from bending and excessive pull tension, significant time and labor reductions versus conduit or innerduct installations and increased installation and design flexibility.

CommScope Interlocking Armor can be used anywhere additional protection and security for the fiber cable are desired. Applications include building backbone, zone distribution, raised floor, data centers and storage area networks (SANs). Vertical markets include: industrial, manufacturing, airports, stadiums, military and any other vertical where increased protection and security for the fiber cable are desired. These include: financial, hospitals, educational facilities and many more.

The CommScope Interlocking Armor is applied spirally around any premise distribution cable, and is available in aluminum. The armored cable is then over-jacketed with a sheath. This sheath is color coded to the fiber type contained within, and provides not only the ability to print the armor with all relevant information on the cable inside, but also allows for easier handling and pulling.

SPECIFICATIONS
1. Operating temperature: -4°F to 158°F (-20°C to 70°C) (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: 32°F to 158°F (0°C to 70°C)
3. Storage temperature: -40°F to 158°F (-40°C to 70°C)
4. Crush resistance: 486.8 lb./in. (85 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: 25.8 lb./ft. (35 N/mm) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 25 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile: exceeds (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)

Technical Information & Standards
Riser cable is (ETL and cETL) TYPE OFCR

OPTISPEED 62.5/125 MICRON MULTIMODE, OM1
Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz•km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
371-COMOM1-TBA-02	R-002-DZ-6F-FSUOR	2	0.50	12.8	225	1001	67	300	10.1	25.7	7.1	18.0	760127365
371-COMOM1-TBA-06	R-006-DZ-6F-FSUOR	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127282
371-COMOM1-TBA-12	R-012-DZ-6F-FSUOR	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127290
371-COMOM1-TBA-24	R-024-DZ-6F-FSUOR	24	0.61	15.4	300	1335	90	400	12.1	30.7	8.5	21.5	760125112
371-COMOM1-TBA-48	R-048-DZ-6F-FMUOR	48	0.24	6.0	300	1335	90	400	18.1	46.0	12.7	32.2	760125138

Fiber Solutions

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Indoor Cables

(continued)   Interlocking Armored Cables - Riser

Fiber Solutions

LAZRSPEED 150 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM2

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 1500/500 MHz•km (850/1300 nm); bandwidth laser: 2,000/500 (850/1300 nm); one Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
371-COMOM2-TBA-02	R-002-DZ-5M-FSUAQ	2	0.50	12.8	225	1001	67	300	10.1	25.7	7.1	18.0	760126581
371-COMOM2-TBA-06	R-006-DZ-5M-FSUAQ	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127225
371-COMOM2-TBA-12	R-012-DZ-5M-FSUAQ	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127233
371-COMOM2-TBA-24	R-024-DZ-5M-FSUAQ	24	0.61	15.4	300	1335	90	400	12.1	30.7	8.5	21.5	760127415
371-COMOM2-TBA-48	R-048-DZ-5M-FMUAQ	48	0.91	23.0	300	1335	90	400	18.1	46.0	12.7	32.2	760127266

LAZRSPEED 300 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM3

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz•km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
371-COMOM3-TBA-02	R-002-DZ-5L-FSUAQ	2	0.50	12.8	225	1001	67	300	10.1	25.7	7.1	18.0	760127571
371-COMOM3-TBA-06	R-006-DZ-5L-FSUAQ	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127175
371-COMOM3-TBA-12	R-012-DZ-5L-FSUAQ	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127183
371-COMOM3-TBA-24	R-024-DZ-5L-FSUAQ	24	0.61	15.4	300	1335	90	400	12.1	30.7	8.5	21.5	760127381
371-COMOM3-TBA-48	R-048-DZ-5L-FMUAQ	48	0.91	23.0	300	1335	90	400	18.1	46.0	12.7	32.2	760127209

LAZRSPEED 550 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM4

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3500/500 MHz•km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
371-COMOM4-TBA-06	R-006-DZ-5K-FSUAQ	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127506
371-COMOM4-TBA-12	R-012-DZ-5K-FSUAQ	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127514
371-COMOM4-TBA-24	R-024-DZ-5K-FSUAQ	24	0.61	15.4	300	1335	90	400	12.1	30.7	8.5	21.5	760127407
371-COMOM4-TBA-48	R-048-DZ-5K-FMUAQ	48	0.91	23.0	300	1335	90	400	18.1	46.0	12.7	32.2	760126540

TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE

Maximum attenuation: 0.70/0.70/0.70 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
371-COMOS2-TBA-02	R-002-DZ-8W-FSUYL	2	0.50	12.8	225	1001	67	300	10.1	25.7	7.1	18.0	760127555
371-COMOS2-TBA-06	R-006-DZ-8W-FSUYL	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127308
371-COMOS2-TBA-12	R-012-DZ-8W-FSUYL	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127316
371-COMOS2-TBA-24	R-024-DZ-8W-FMUYL	24	0.61	15.4	300	1335	90	400	12.1	30.7	8.5	21.5	760127324
371-COMOS2-TBA-48	R-048-DZ-8W-FMUYL	48	0.91	23.0	300	1335	90	400	18.1	46.0	12.7	32.2	760127340

Interlocking Armored Cables - Plenum

COMMSCOPE ENTERPRISE SOLUTIONS

CommScope Interlocking Armored Fiber Optic Cable provides superior protection and space savings. It provides installation protection from bending and excessive pull tension, significant time and labor reductions versus conduit or innerduct installations and increased installation and design flexibility.

CommScope Interlocking Armor can be used anywhere additional protection and security for the fiber cable are desired. Applications include building backbone, zone distribution, raised floor, data centers and storage area networks (SANs). Vertical markets include: industrial, manufacturing, airports, stadiums, military and any other vertical where increased protection and security for the fiber cable are desired. These include: financial, hospitals, educational facilities and many more.

The CommScope Interlocking Armor is applied spirally around any premise distribution cable, and is available in aluminum. The armored cable is then over-jacketed with a sheath. This sheath is color coded to the fiber type contained within, and provides not only the ability to print the armor with all relevant information on the cable inside, but also allows for easier handling and pulling.

SPECIFICATIONS

1. Operating temperature: -4°F to 158°F (-20°C to 70°C) (Test Method: FOTP - 3 IEC 60794-1-2-F1)
2. Installation temperature: 32°F to 158°F (0°C to 70°C)
3. Storage temperature: -40°F to 158°F (-40°C to 70°C)
4. Crush resistance: 486.8 lb./in. (85 N/mm) (Test Method: FOTP - 41 IEC 60794-1-2-E3)
5. Impact resistance: 25.8 lb./ft. (35 N/mm) (Test Method: FOTP - 25 IEC 60794-1-2-E4)
6. Flexing: exceeds 25 cycles (Test Method: FOTP - 104 IEC 60794-1-2-E6)
7. Twist bend: exceeds (Test Method: FOTP - 85 IEC 60794-1-2-E7)
8. Tensile performance: exceeds (Test Methods: FOTP - 33, 38, IEC 60794-1-2-E1A, E1B)

Technical Information & Standards

The plenum cable is (ETL and cETL) Type OFCP

OPTISPEED 62.5/125 MICRON MULTIMODE, OM1

Maximum attenuation: 3.4/1.0 dB/km (850/1300 nm); bandwidth OFL: 220/500 MHz•km (850/1300 nm); one Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
370-COMOM1-TBA-02	P-002-DZ-6F-FSUOR	2	0.50	12.8	225	1001	67	300	10.1	25.7	7.1	18.0	760127860
370-COMOM1-TBA-06	P-006-DZ-6F-FSUOR	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127753
370-COMOM1-TBA-12	P-012-DZ-6F-FSUOR	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	19.7	760127761
370-COMOM1-TBA-24	P-024-DZ-6F-FSUOR	24	0.69	17.4	300	1335	90	400	13.7	34.8	9.6	24.4	760127852
370-COMOM1-TBA-48	P-048-DZ-6F-FMUOR	48	0.91	23.0	300	1335	90	400	18.1	46.0	12.7	32.2	760125096

LAZRSPEED 150 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM2

Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 1500/500 MHz•km (850/1300 nm); bandwidth laser: 2,000/500 (850/1300 nm); one Gigabit Ethernet distance: 1,000/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 300 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
370-COMOM2-TBA-02	P-002-DZ-5M-FSUAQ	2	0.50	12.8	225	1001	67	300	10.1	25.7	7.1	18.0	760125997
370-COMOM2-TBA-06	P-006-DZ-5M-FSUAQ	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127696
370-COMOM2-TBA-12	P-012-DZ-5M-FSUAQ	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127704
370-COMOM2-TBA-24	P-024-DZ-5M-FSUAQ	24	0.69	17.4	300	1335	90	400	13.7	34.8	9.6	24.4	760127878
370-COMOM2-TBA-48	P-048-DZ-5M-FMUAQ	48	0.91	23.0	300	1335	90	400	18.1	46.0	12.7	32.2	760127738

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Indoor Cables

LAZRSPEED 300 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM3
Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 700/500 MHz•km (850/1300 nm); bandwidth laser: 950/500 (850/1300 nm); one Gigabit Ethernet distance: 800/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 150 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
370-COMOM3-TBA-02	P-002-DZ-5L-FSUAQ	2	0.50	12.8	225	1001	67	300	10.1	25.7	7.1	18.0	760128124
370-COMOM3-TBA-06	P-006-DZ-5L-FSUAQ	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127639
370-COMOM3-TBA-12	P-012-DZ-5L-FSUAQ	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127647
370-COMOM3-TBA-24	P-024-DZ-5L-FSUAQ	24	0.69	17.4	300	1335	90	400	13.7	34.8	9.6	24.4	760127902
370-COMOM3-TBA-48	P-048-DZ-5L-FMUAQ	48	0.91	23.0	300	1335	90	400	18.1	46.0	12.7	32.2	760127670

LAZRSPEED 550 LASER-OPTIMIZED 50/125 MICRON MULTIMODE, OM4
Maximum attenuation: 3.0/1.0 dB/km (850/1300 nm); bandwidth OFL: 3500/500 MHz•km (850/1300 nm); bandwidth laser: 4,700/500 (850/1300 nm); one Gigabit Ethernet distance: 1,100/600 m (850/1300 nm); 10 Gigabit Ethernet distance: 550 m (850 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
370-COMOM4-TBA-06	P-006-DZ-5K-FSUAQ	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760128181
370-COMOM4-TBA-12	P-012-DZ-5K-FSUAQ	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760128017
370-COMOM4-TBA-24	P-024-DZ-5K-FSUAQ	24	0.69	17.4	300	1335	90	400	13.7	34.8	9.6	24.4	760127910
370-COMOM4-TBA-48	P-048-DZ-5K-FMUAQ	48	0.91	23.0	300	1335	90	400	18.1	46.0	12.7	32.2	760125971

TERASPEED 8.3/125 MICRON ZERO WATER PEAK SINGLE-MODE
Maximum attenuation: 0.70/0.70/0.70 dB/km (1310/1385/1550 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)	Material ID
370-COMOS2-TBA-02	P-002-DZ-8W-FSUYL	2	0.50	12.8	225	1001	67	300	10.1	25.7	7.1	18.0	760128157
370-COMOS2-TBA-06	P-006-DZ-8W-FSUYL	6	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127795
370-COMOS2-TBA-12	P-012-DZ-8W-FSUYL	12	0.50	12.8	300	1335	90	400	10.1	25.7	7.1	18.0	760127803
370-COMOS2-TBA-24	P-024-DZ-8W-FSUYL	24	0.61	15.4	300	1335	90	400	12.1	30.7	8.5	21.5	760127886
370-COMOS2-TBA-48	P-048-DZ-8W-FMUYL	48	0.91	23.0	300	1335	90	400	18.1	46.0	12.7	32.2	760127837

Fiber Solutions

ANIXTER

Fiber Patch Cords

COMMSCOPE ENTERPRISE SOLUTIONS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
F	D	X	L	1	L	1	2	1	-	A	X	F	0	0	2

Prefix
FD Jumper - Plenum
FE Jumper - Riser
FF Jumper - LSZH*

Fiber Type
X LazrSPEED 550 Multimode
M OptiSPEED Multimode
W TeraSPEED Single-mode

Connector One
L1 LC Keyed Red
L2 LC Keyed Yellow
L3 LC Keyed Blue
L4 LC Keyed Green
L5 LC Keyed Orange
L6 LC Keyed Slate
L7 LC Keyed Brown
L8 LC Keyed Aqua
L9 LC Keyed Rose
LV LC Keyed Violet
LA LC Angled
LC LC Standard
LU LC Uniboot*
SA SC Angled
SC SC Standard
ST STII

Connector Two
L1 LC Keyed Red
L2 LC Keyed Yellow
L3 LC Keyed Blue
L4 LC Keyed Green
L5 LC Keyed Orange
L6 LC Keyed Slate
L7 LC Keyed Brown
L8 LC Keyed Aqua
L9 LC Keyed Rose
LV LC Keyed Violet
LA LC Angled
LC LC Standard
LU LC Uniboot*
SA SC Angled
SC SC Standard
ST STII
MJ MTRJ
FA FC Angled
FC FC Standard

Cordage Size
2 1.6mm Simplex
3 3.0mm Simplex
4 1.6mm Zipcord
5 3.0mm Zipcord

Fiber Count
1 1 Fiber
2 2 Fiber

Jacket Color
A Blue
B Orange
C Green
D Brown
E Slate
G Red
H Black
J Yellow
K Violet
L Rose
M Aqua

Breakout Length
X No Breakout

UOM
F Feet
M Meters

Length
2 - 999 Feet
1 - 999 Meters

*Only Available in EMEA

Fiber Cable Assemblies

COMMSCOPE ENTERPRISE SOLUTIONS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
F	S	X	L	1	L	1	W	2	-	M	A	F	1	0	0

Prefix
FS Distribution - Plenum
FT Distribution - Plenum-Armored
FU Distribution - Riser
FV Distribution - Riser-Armored

Fiber Type
X LazrSPEED 550 Multimode
Z LazrSPEED 300 Multimode
H LazrSPEED 150 Multimode
M OptiSPEED Multimode
W TeraSPEED Single-mode

Connector One
L1 LC Keyed Red
L2 LC Keyed Yellow
L3 LC Keyed Blue
L4 LC Keyed Green
L5 LC Keyed Orange
L6 LC Keyed Slate
L7 LC Keyed Brown
L8 LC Keyed Aqua
L9 LC Keyed Rose
LV LC Keyed Violet
LA LC Angled
LC LC Standard
SA SC Angled
SC SC Standard
ST STII

Connector Two
L1 LC Keyed Red
L2 LC Keyed Yellow
L3 LC Keyed Blue
L4 LC Keyed Green
L5 LC Keyed Orange
L6 LC Keyed Slate
L7 LC Keyed Brown
L8 LC Keyed Aqua
L9 LC Keyed Rose
LV LC Keyed Violet
LA LC Angled
LC LC Standard
SA SC Angled
SC SC Standard
ST STII
MJ MTRJ
FA FC Angled
FC FC Standard
UC Unconnectorized

Cordage Size
W DS Distribution Cable
X OD I/O Plenum Cable

Fiber Count
2 2 Fiber
4 4 Fiber
6 6 Fiber
8 8 Fiber
D 12 Fiber
E 18 Fiber
F 24 Fiber
G 36 Fiber
H 48 Fiber
J 60 Fiber
K 72 Fiber
L 96 Fiber
M 144 Fiber

Jacket Color
A Blue
B Orange
C Green
D Brown
E Slate
G Red
H Black
J Yellow
K Violet
L Rose
M Aqua

Breakout Length
E 24" Breakout - No Gland
G 24" Breakout with Pulling Grip
H 48" Breakout - No Gland
K 48" Breakout with Pulling Grip

UOM
F Feet
M Meters

Length
10 - 999 Feet
3 - 999 Meters

We have a multitude of CommScope fiber jumpers in a multitude of lengths available
including LC to LC, LC to ST, LC to SC, SC to SC and ST to ST, as well as a host of many other varieties.

Fiber Solutions

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Cable Assemblies

Fiber Solutions (sidebar)

Fiber Pigtails
COMMSCOPE ENTERPRISE SOLUTIONS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
F	A	X	L	1	U	C	0	1	-	A	X	F	0	0	2

Prefix
- FA Pigtail-Tight Buffer
- FB Pigtail-Riser SBJ
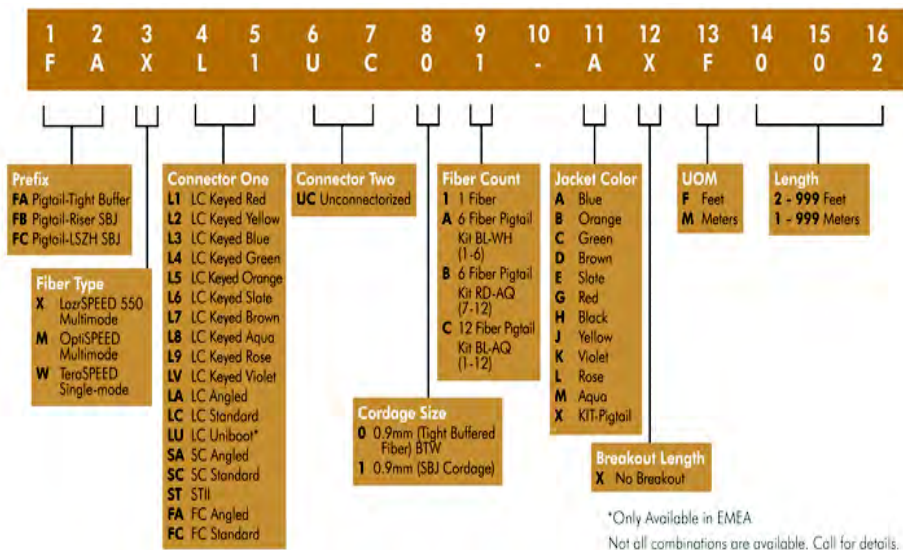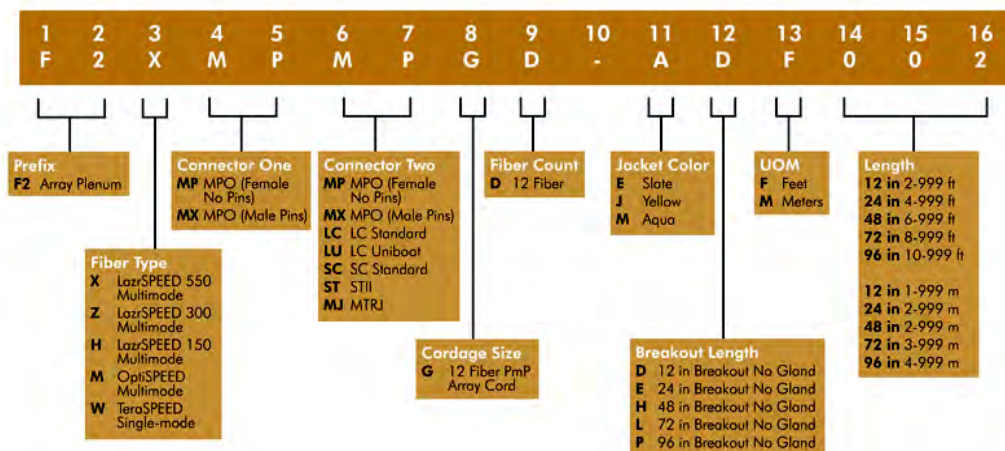- FC Pigtail-LSZH SBJ

Fiber Type
- X LazrSPEED 550 Multimode
- M OptiSPEED Multimode
- W TeraSPEED Single-mode

Connector One
- L1 LC Keyed Red
- L2 LC Keyed Yellow
- L3 LC Keyed Blue
- L4 LC Keyed Green
- L5 LC Keyed Orange
- L6 LC Keyed Slate
- L7 LC Keyed Brown
- L8 LC Keyed Aqua
- L9 LC Keyed Rose
- LV LC Keyed Violet
- LA LC Angled
- LC LC Standard
- LU LC Uniboot*
- SA SC Angled
- SC SC Standard
- ST STII
- FA FC Angled
- FC FC Standard

Connector Two
- UC Unconnectorized

Cordage Size
- 0 0.9mm (Tight Buffered Fiber) BTW
- 1 0.9mm (SBJ Cordage)

Fiber Count
- 1 1 Fiber
- A 6 Fiber Pigtail Kit BL-WH (1-6)
- B 6 Fiber Pigtail Kit RD-AQ (7-12)
- C 12 Fiber Pigtail Kit BL-AQ (1-12)

Jacket Color
- A Blue
- B Orange
- C Green
- D Brown
- E Slate
- G Red
- H Black
- J Yellow
- K Violet
- L Rose
- M Aqua
- X KIT-Pigtail

Breakout Length
- X No Breakout

UOM
- F Feet
- M Meters

Length
- 2 - 999 Feet
- 1 - 999 Meters

*Only Available in EMEA
Not all combinations are available. Call for details.

Plenum Array Cords
COMMSCOPE ENTERPRISE SOLUTIONS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
F	2	X	M	P	M	P	G	D	-	A	D	F	0	0	2

Prefix
- F2 Array Plenum

Fiber Type
- X LazrSPEED 550 Multimode
- Z LazrSPEED 300 Multimode
- H LazrSPEED 150 Multimode
- M OptiSPEED Multimode
- W TeraSPEED Single-mode

Connector One
- MP MPO (Female No Pins)
- MX MPO (Male Pins)

Connector Two
- MP MPO (Female No Pins)
- MX MPO (Male Pins)
- LC LC Standard
- LU LC Uniboot
- SC SC Standard
- ST STII
- MJ MTRJ

Cordage Size
- G 12 Fiber PmP Array Cord

Fiber Count
- D 12 Fiber

Jacket Color
- E Slate
- J Yellow
- M Aqua

Breakout Length
- D 12 in Breakout No Gland
- E 24 in Breakout No Gland
- H 48 in Breakout No Gland
- L 72 in Breakout No Gland
- P 96 in Breakout No Gland

UOM
- F Feet
- M Meters

Length
- 12 in 2-999 ft
- 24 in 4-999 ft
- 48 in 6-999 ft
- 72 in 8-999 ft
- 96 in 10-999 ft

- 12 in 1-999 m
- 24 in 2-999 m
- 48 in 2-999 m
- 72 in 3-999 m
- 96 in 4-999 m
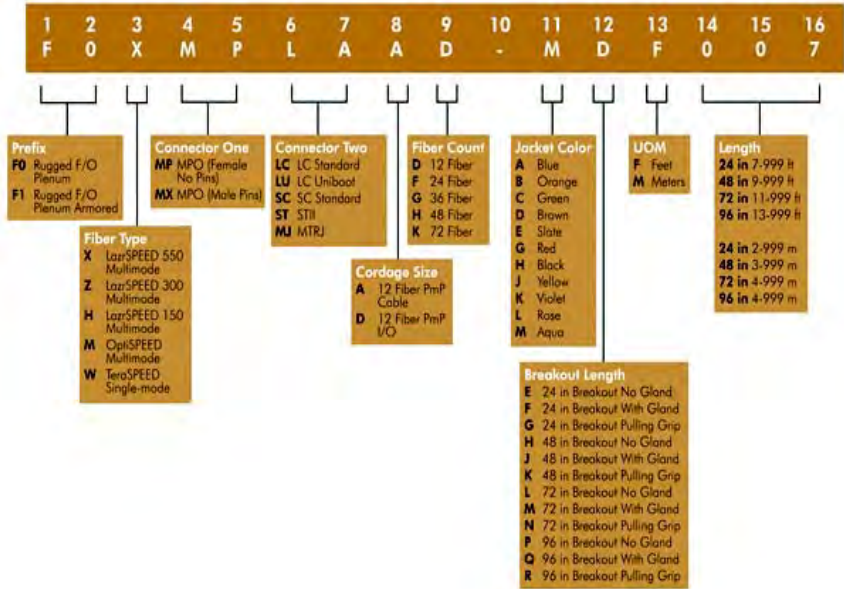
We have a multitude of CommScope fiber jumpers in a multitude of lengths available
including LC to LC, LC to ST, LC to SC, SC to SC and ST to ST, as well as a host of many other varieties.

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Plenum Ruggedized Fan-out Cords

COMMSCOPE ENTERPRISE SOLUTIONS

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
F	0	X	M	P	L	A	A	D	-	M	D	F	0	0	7

Prefix
F0 Rugged F/O Plenum
F1 Rugged F/O Plenum Armored

Connector One
MP MPO (Female No Pins)
MX MPO (Male Pins)

Fiber Type
X LazrSPEED 550 Multimode
Z LazrSPEED 300 Multimode
H LazrSPEED 150 Multimode
M OptiSPEED Multimode
W TeraSPEED Single-mode

Connector Two
LC LC Standard
LU LC Uniboot
SC SC Standard
ST STII
MJ MTRJ

Cordage Size
A 12 Fiber PmP Cable
D 12 Fiber PmP I/O

Fiber Count
D 12 Fiber
F 24 Fiber
G 36 Fiber
H 48 Fiber
K 72 Fiber

Jacket Color
A Blue
B Orange
C Green
D Brown
E Slate
G Red
H Black
J Yellow
K Violet
L Rose
M Aqua

Breakout Length
E 24 in Breakout No Gland
F 24 in Breakout With Gland
G 24 in Breakout Pulling Grip
H 48 in Breakout No Gland
J 48 in Breakout With Gland
K 48 in Breakout Pulling Grip
L 72 in Breakout No Gland
M 72 in Breakout With Gland
N 72 in Breakout Pulling Grip
P 96 in Breakout No Gland
Q 96 in Breakout With Gland
R 96 in Breakout Pulling Grip

UOM
F Feet
M Meters

Length
24 in 7-999 ft
48 in 9-999 ft
72 in 11-999 ft
96 in 13-999 ft

24 in 2-999 m
48 in 3-999 m
72 in 4-999 m
96 in 4-999 m

We have a multitude of CommScope fiber jumpers in a multitude of lengths available
including LC to LC, LC to ST, LC to SC, SC to SC and ST to ST, as well as a host of many other varieties.

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Connectors and Adapters

Fiber Solutions

LC Connectors

COMMSCOPE ENTERPRISE SOLUTIONS

The LC connector is a revolutionary fiber optic connector. This small form connector is only half the size of ST or SC connectors, yet it has superior optical performance and reduced installation time. It uses the familiar insertion release mechanism similar to an RJ45 plug and has a pull-proof design. Fast becoming the connector of choice, the physical and optical performance of the LC allows engineers to design optical fiber infrastructures suited to the low-loss needs of the high-speed data networks.

The LC connector offers a complete connection solution with a product range designed for field termination onto 900 μm buffered fiber, 1.6 mm fiber cordage, multimode and single-mode fiber. The high-performance LC connector is the recommended connector for Gigabit applications including all proposed 10 Gigabit Ethernet specifications for multimode and single-mode fiber.

BEHIND-THE-WALL (900 μm) CONNECTOR

This connector is designed to allow for the simple and speedy termination of the connector onto 900 μm fiber. So whether terminating a cable into a patch panel, connection box, or outlet, the LC connector offers the best-in-class solution.

JUMPER CONNECTOR (1.6 mm)

The LC fiber optic simplex and duplex jumper connectors can be used to terminate simplex and duplex 1.6 mm jumper cords. They are intended for use in central offices, local area networks (LANs), and in patch cords for premises distribution systems (PDS). The connectors can also be used in computer backplane connections, computer peripheral interconnections, device terminations, and other applications where quality, small-size, high-density, low-loss and low-cost infrastructure are required.

Technical Information & Standards

Specifications: not for jumper cordage
Length: 3.2 cm (1.259 in.)
Tip material: ceramic
Multimode: average loss: 0.2 dB; standard deviation 0.1 dB
Single-mode: average loss: 0.2 dB; standard deviation 0.1 dB
Insertion loss change: less than 0.3 dB mating durability for 500 reconnects
Cable retention: less than 0.3 dB
Temperature stability -40° to 75°C
Patch cord's LC connector is spring-loaded with no key
Behind-the-plate LC connectors are NOT spring-loaded and have a key

BEHIND-THE-WALL (900 MICRON) MULTIMODE EZ-LC CONNECTOR

Anixter No.	Vendor No.	Description	Material ID
305059	MFC-LCR-09-BG	BTW LC connector, preradiused, for 0.9 mm multimode buffered fiber, beige/white	760034181

BEHIND-THE-WALL (900 MICRON) SINGLE-MODE EZ-LC CONNECTOR

Anixter No.	Vendor No.	Description	Material ID
305061	SFC-LCR-09-BL	BTW LC connector, preradiused, for 0.9 mm single-mode buffered fiber, blue/white	760034199

JUMPER CORDAGE (1.6 MM) MULTIMODE JUMPER CONNECTOR

Anixter No.	Vendor No.	Description	Material ID
332688	MDC-LCR-16-BG	LC connector for 1.6 mm cordage, duplex, preradiused, multimode	760034157

JUMPER CORDAGE (1.6 MM) SINGLE-MODE EZ-LC CONNECTOR

Anixter No.	Vendor No.	Description	Material ID
332836	SFC-LCR-16-BL	LC connector for 1.6 mm cordage simplex, preradiused	760034173
397351	LC DUPLEX CLIP	LC duplex clip, polarity reversible	760039669

KEYED PRERADIUS FOR 1.6 MM CORDAGE DUPLEX

Anixter No.	Vendor No.	Description	Material ID
394558	MDC-LCR-16-KAQ	Multimode, aqua	760102475
394559	MDC-LCR-16-KBK	Multimode, black	760102533
394560	MDC-LCR-16-KSL	Multimode, slate	760102509
394567	SDC-LCR-16-KAQ	Single-mode, aqua	760102806
394568	SDC-LCR-16-KBK	Single-mode, black	760102863
394569	SDC-LCR-16-KSL	Single-mode, slate	760102830

KEYED PRERADIUS FOR 1.6 MM CORDAGE SIMPLEX

Anixter No.	Vendor No.	Description	Material ID
394564	MFC-LCR-16-KAQ	Multimode, aqua	760102368
394565	MFC-LCR-16-KBK	Multimode, black	760102426
394566	MFC-LCR-16-KSL	Multimode, slate	760102392
394573	SFC-LCR-16-KAQ	Single-mode, aqua	760102699
394574	SFC-LCR-16-KBK	Single-mode, black	760102756
394575	SFC-LCR-16-KSL	Single-mode, slate	760102723

KEYED PRERADIUS FOR 0.9 MM CORDAGE SIMPLEX

Anixter No.	Vendor No.	Description	Material ID
394561	MFC-LCR-09-KAQ	Multimode, aqua	760102582
394562	MFC-LCR-09-KBK	Multimode, black	760102640
394563	MFC-LCR-09-KSL	Multimode, slate	760102616
394570	SFC-LCR-09-KAQ	Single-mode, aqua	760102939
394571	SFC-LCR-09-KBK	Single-mode, black	760102996
394572	SFC-LCR-09-KSL	Single-mode, slate	760102962

QWIK II CONNECTOR

Anixter No.	Vendor No.	Description	Material ID
413720	MFC-LCF-09-5X-25	Multimode 50/125, 25 pack, aqua	760117911
352560	MFC-LCF-09-6X-25	Multimode 62.5/125, 25 pack, beige	760117937
414581	SFC-LCF-09-8X-25	Single-mode, 25 pack, blue	760117929

TOOL KITS AND CRIMP FIXTURES FOR LC CONNECTORS

Anixter No.	Vendor No.	Description	Material ID
213172	1032H	EZ LC, SC, STII tool kit for termination of distribution cable. Uses anaerobic method. Does not contain crimp tool	700005838
402869	QWIKIITERMTOOLK	Qwik II Master termination tool kit	760119131

SC Connectors

COMMSCOPE ENTERPRISE SOLUTIONS

The SC multimode fiber optic connector is a field-mountable, tunable connector which utilizes a domed zirconia ferrule for fiber alignment, and push-pull hardware that provides easier connections as well as high optical stability. The connector can be used in high-density applications while not being affected by axial cable loads. The cable is crimped to the outer hardware and therefore prevents momentary disconnect when axial load is placed on the cable. Available in multimode and single-mode versions.

The P600A-Z-125 and P6200A-Z-125 can be mounted on 3.0 mm cordage only, while the P6001A-Z-125 and P6201A-Z-125 mount on the 0.9 buffered fiber.

Technical Information & Standards

Fits 0.9 mm buffered fiber, 3 mm cordage and 1.6 mm cord. When terminating on mini cordage, an adapter kit (Part No. 195867) and tool (Part No. 195868) must be used to build the cable up to 0.9 mm
Length: 5 cm (1.96 in.)
Loss repeat (200 reconnects): less than 0.3 dB
Minimum axial load: cable: 13.6 kg; buffer: 0.9 kg (1.98 lb.)
Temperature stability (-40° to 75°C): less than 0.3 dB increase
Average loss MM: 0.3 dB
Average loss SM: 0.2 dB (tuned)
Average loss SM: 0.3 dB (untuned)

EZ-SC CONNECTORS, NONTUNABLE
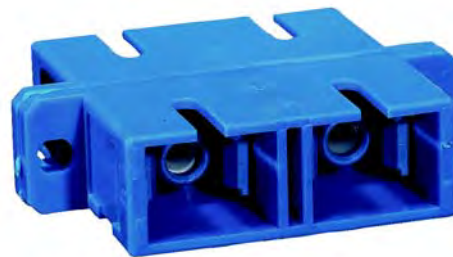
These connector kits can be used on 1.6 mm cordage or mini-breakout cable with the addition of tool kit D-182918 and 500B tool.

Anixter No.	Vendor No.	Description	Material ID
266859	MFC-SCR-09-BG-100-BULK-PACK	BTW SC-B connector for 0.9 mm buffered fiber, multimode, 100-pack	760007088
266858	MFC-SCR-09-BG	BTW SC-B, for 0.9 mm multimode buffered fiber, beige/white	760007070
266836	SFC-SCR-30-BL	BTW SC-B connector for 3.0 mm cordage simplex, single-mode	760007096
266837	SFC-SCR-09-BL	BTW SC-B, for 0.9 mm single-mode buffered fiber, blue/white	760007112

QWIK-SC CONNECTOR

25 pack

Anixter No.	Vendor No.	Description	Material ID
415292	MFC-SCF-09-5X-25-PACK	Multimode 50/125, aqua	760117978
414578	MFC-SCF-09-6X-25	Multimode 62.5/125, beige	760117994
402864	SFC-SCF-09-8X-25-PACK	Single-mode	760117986

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Connectors and Adapters

(continued) SC Connectors

TOOL KITS AND CRIMP FIXTURES FOR SC CONNECTORS

Anixter No.	Vendor No.	Description	Material ID
213172	1032H	EZ LC, SC, STII tool kit for termination of distribution cable. Uses anaerobic method. Does not contain crimp tool	700005838
157627	1032F1	SC, ST, STII tool kit. Uses EZ method. Connectors and consumable kits ordered separately.	700005929
402869	QWIKIITERMTOOLK	Qwik II Master termination tool kit	760119131

CLIPS

Anixter No.	Vendor No.	Description	Material ID
152525	2A1	SC duplex connector clips. (Clips together two simplex connectors to form a duplex connector)	700002165
210496	2A1	SC duplex clip (1,000 pack)	700005358

ST Connectors

COMMSCOPE ENTERPRISE SOLUTIONS

The STII Connector Plug is a keyed ceramic fiber optic connector plug that uses a bayonet-type "ramped latching" mounting arrangement. The ferrule is made of zirconium which provides for easy, accurate field polishing. STII Connectors will accept 125 micron outside diameter multimode fiber. The design of the STII provides high optical performance and easy mounting in a rugged, compact connector plug. The STII can mount on either 0.9 mm buffered fiber, or 2.4 mm or 3.0 mm cordage (or equivalent). The STII is available in both single-mode and multimode.

The Qwik-ST Connectors are no-polish, no-epoxy connectors that feature a mechanical crimp making fiber terminations faster and easier than typical epoxy terminations. The Qwik ST Connector is ideal for behind-the-wall (BTW) applications; rapid repairs or for limited space situations where polishing may be difficult. The Qwik-ST offers a quick and repeatable termination solution for immediate connectivity on all 9000 μm fiber types.

Technical Information & Standards
Length: 5.64 cm (2.2 in.)
Temperature stability (-40° to 85°C): less than 0.1 dB increase
Loss repeat (500 reconnects): less than 0.2 dB
Minimum axial load - cable: 15.9 kg (35 lb.)
Multimode average loss: 0.3 dB
Single-mode average loss: 0.2 dB

EZ-STII CONNECTORS

Anixter No.	Vendor No.	Description	Material ID
170290	MFC-STU	Multimode, grey	700004328
157475	SFC-STU	Single-mode, yellow	700011067
118974	P2020C-C-125	Multimode	700005000

QWIK-ST CONNECTORS

25 pack

Anixter No.	Vendor No.	Description	Material ID
415293	MFC-STF-09-5X-25-PACK	Multimode, aqua	760118034
414579	MFC-STF-09-6X-25	Multimode, beige	760118059

TOOL KITS AND CRIMP FIXTURES FOR STII CONNECTORS

Anixter No.	Vendor No.	Description	Material ID
213172	1032H	EZ LC, SC, STII tool kit for termination of distribution cable. Uses anaerobic method. Does not contain crimp tool	700005838
157627	1032F1	SC, ST, STII tool kit. Uses EZ method. Connectors and consumable kits ordered separately.	700005929
402869	QWIKIITERMTOOLK	Qwik II Master termination tool kit	760119131

These connector kits can be used on 1.6 mm cordage or mini-breakout cable with the addition of tool kit D-182918 and 500B tool.

Connectors and Adapters

## LC Duplex Adapters

COMMSCOPE ENTERPRISE SOLUTIONS

The LC Duplex Adapter accommodates two LC connectors while only occupying the space of a simplex SC coupling. It features a self-adjusting mechanism designed to accommodate panel thickness variations from 0.15 cm to 0.175 cm (0.059 in. to 0.068 in.). It is available in both single-mode and multimode. LC Duplex Adapters are color-coded aqua for LazrSPEED 50 μm multimode, beige for 62.5 μm multimode and blue for single-mode.

Anixter No.	Vendor No.	Description	Material ID
219270	MFA-LC02-AQ	LC duplex adapter, aqua, for LazrSPEED 50/125 multimode fiber	108622887
196838	MFA-LC02-BG	LC duplex adapter, beige, for OptiSPEED 62.5/125 multimode fiber	700002355
196944	SFA-LC02-BL	LC duplex adapter, blue, for TeraSPEED 8.3/125 single-mode fiber	700002215
394576	KFA-LC02-KAQ	Keyed LC adapter, aqua	760090621
394577	HFA-LC02-KBK	Keyed LC adapter, black	760058867
394578	KFA-LC02-KSL	Keyed LC adapter, slate	760090654

SC Adapters

COMMSCOPE ENTERPRISE SOLUTIONS
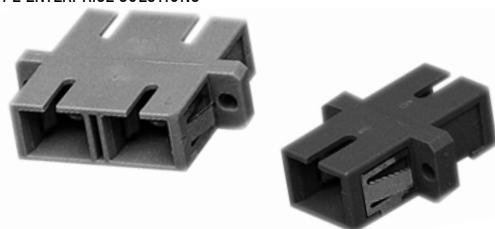
The SC adapter accommodates the multimode or single-mode simplex or duplex SC connectors and ensures the proper alignment of the fibers. This adapter is easily mounted by snapping them into the adapter panel.

The C6000A-4 and the C6000A-5 are ceramic. The C6061A-4 sleeve is metallic and the C6060A-4 sleeve is ceramic.

SIMPLEX

Anixter No.	Vendor No.	Description	Material ID
149483	SFA-SC01-BL	SC simplex single-mode and adapter, snap-in flue, zirconia ceramic	700004807

Anixter No.	Vendor No.	Description	Material ID
181840	SFA-SC01-BL-FLANGELESS	SC simplex single-mode and multimode adapter, snap-in flangeless, blue, zirconia ceramic	700004799
289337	MFA-SC01-BG	SC simplex OptiSPEED adapter, beige	108223181

DUPLEX

Anixter No.	Vendor No.	Description	Material ID
149482	SFA-SC02-BL	SC duplex adapter, blue, for TeraSPEED 8.3/125 single-mode fiber	700004815
164129	MFA-SC02-BG	SC duplex adapter, beige, for OptiSPEED 62.5/125 multimode fiber	700004880
236453	MFA-SC02-AQ	SC duplex adapter, aqua, for LazrSPEED 50/125 multimode fiber	108622895

ST Adapters

COMMSCOPE ENTERPRISE SOLUTIONS

The C2000A and C3000A Adapters accommodate the STII Connector Plugs and ensure the proper alignment of the fibers. The adapter is based on a longitudinally split sleeve; the thickness of the sleeve's wall varies, causing its inside diameter to remain circular even when a cylindrical ferrule forces it open.

The C2000A Adapters are packaged with the coupling itself, lock washer and hex nut for mounting onto the coupling panels.

The LC adapters are preradiused and keyed. They are also for either 1.6 mm cordage or 0.9 mm cordage.

HEX NUT
These adapters should not be used with the high-density shelf.

Anixter No.	Vendor No.	Description	Material ID
105263	HFA-ST01	ST adapter with hex mounting nut, silver, for MM/SM fiber	700011133

ROUND NUT
These adapters should be used with the high-density shelf.

Anixter No.	Vendor No.	Description	Material ID
184326	HFA-ST01-CMN	ST adapter, MM/SM, threaded, nickel-plated zinc, plastic	760000638

NOTE: ST adapters now come with a white dust cap for single-mode and a gray dust cap for multimode.

Fiber Solutions

Connectors and Adapters

Fiber Solutions

Keyed LC Adapters and Connectors

COMMSCOPE ENTERPRISE SOLUTIONS

Today's facilities often employ more than one network and need mechanical security to limit access and prevent inadvertent cross-connection. The Enterprise Keyed LC products have special molded features on the plug and molded keys in the adapter to reduce the chance of unauthorized connections. Four plug-adapter combinations exist, identified by color, and in order for a connection to be possible, the plug and adapter colors must match. If the colors do not match, the keying features will prevent the connector from carrying the signal. Enterprise Keyed LC plugs will not mate with standard LC adapters, only the matching, same-color couplers.

FEATURES
- Duplex LC adapter mounts in the same footprint as a simplex SC adapter
- Small form factor is half the size of standard connectors
- RJ-style housing
- Single-fiber ferrule for maintaining proper polarity
- Pull-proof for jumper
- UPC finish
- Antisnag latch for jumper
- Minimal polish
- Standards compliant
- Standard Enterprise installation procedure
- Adapters come standard with ceramic sleeves
- Available in behind-the-wall (BTW), simplex jumper and duplex jumper versions
- Universal black key available for use while testing
- Doubles density
- Disengages easily in dense spaces
- Maintains transmit/receive direction
- Maintains optical contact
- Helps minimize transmission problems
- Improves durability and reduces cross-connect rearrangement effort
- Reduces installation time for field-mountable connectors

> For more information and how to order,
> please contact your local sales representative.

Universal Polishing Kits

COMMSCOPE ENTERPRISE SOLUTIONS

CommScope Solutions' Universal Polishing Kits make terminations of all SYSTIMAX fiber connectors easier and faster to install. This procedure allows contractors, distributors and end-users to order only one polishing kit for multimode connectors and one polishing kit for single-mode connectors.

FEATURES
- Multimode connectors, only one polishing paper and two steps
- Single-mode connectors, only two polishing papers and three steps
- Fewer polishing steps and strokes for the new preradiused LC connector
- Reduces the number of papers to purchase and maintain
- Reduces confusion over which paper to use at which step
- Easier logistics for ordering and maintaining stock
- One multimode consumables kit for all three connector styles (ST, SC, LC)
- One single-mode consumables kit for all three connector styles (ST, SC, LC)
- Quality terminations with excellent performance

Anixter No.	Vendor No.	Description	Material ID
353609	KIT-C-UNIV-M-100	Multimode, LC preradius and SC/STII, uses EZ method	760066720
353610	KIT-C-UNIV-S-100	Multimode and single-mode, LC pre-radius and SC/STII, uses EZ method	760066738

Tool Kits and Consumables

COMMSCOPE ENTERPRISE SOLUTIONS

These tool kits are designed to terminate LC, SC, and STII connectors. One consumable kit must be chosen with any tool kit purchase.

Technical Information & Standards
Fits 0.9 mm (buffered fiber), 3 mm and 1.6 mm cordage. When terminating on mini cordage (1.6 mm and 3.0 mm cordage) an adapter kit (Part No. 195867) and tool (Part No. 195868) must be used to build the cable up to 0.9 mm.

TOOL KITS/CONSUMABLES

Anixter No.	Vendor No.	Description	Material ID
213172	1032H	EZ LC, SC, STII tool kit for termination of distribution cable. Uses anaerobic method. Does not contain crimp tool	700005838
152526	1032B5	Heat Cure, SC and STII tool kit. Uses heat cure epoxy. Includes oven.	700006026
197979	D-182959 KIT	D-182959 upgrade kit for 1032B5 to terminate LC connector onto either 900 micron buffered fiber or 1.6 mm cordage	700005853

> To get the best loss performance, the SC connector is field-tunable. The installer can find the position that produces the least loss and lock in that position for the connection.
>
> The zirconia tip is repairable on the ST, SC and LC connectors. Only ceramic tip ferrules are used, because the adapter sleeves are ceramic. By using the same materials, they will react the same to environmental conditions (e.g., thermal cycling). Other materials such as composites (made of glass-filled plastic) have extremely different characteristics. They expand at different temperatures, etc., which may cause loss.

M40A1 Multimedia Information Outlet

COMMSCOPE ENTERPRISE SOLUTIONS

The M40A1 Outlet is a surface-mounted multimedia outlet box. Its modular design makes it adaptable, via panel inserts (ordered separately), for termination of fiber optic and/or copper cables. The M40A1 Outlet can accept two modular panels which hold the copper or fiber terminations. Some of the available panels are: 40ST4 which accepts four ST couplings, M40DSC which accepts four duplex SC couplings, and the M40RJ4A which accepts four M-Series information outlets.

The cover of the outlet has six knockouts for surface-run cable entry from several directions and can be mounted directly on a wall or over a U.S. standard electrical box.

The M40 outlet comes equipped with one M40RJ4A and one M40ST8 panel. Other panels must be ordered separately. The panels are orderable in minimum quantities of 10 panels per order.

FEATURES
- Surface-mount
- Accommodates fiber and copper
- Fiber spool
- Comes with one ST 8-panel and one M-Series 4-panel

Technical Information & Standards

Dimensions:
- Outlet height: 6.889 in. (17.5 cm)
- Outlet width: 5.590 in. (14.2 cm)
- Outlet depth: 1.614 in. (4.1 cm)
- Panel height: 1.4566 in. (3.7 cm)
- Panel width: 2.637 in. (6.7 cm)
- Panel depth: 2.086 in. (5.3 cm)

Anixter No.	Vendor No.	Description	Material ID
188949	M40A1-B-262	One 4-port surface-mount box, white	107992927
192495	M40RJ4A-262	4-port modular panel, type 40, white	108004268
175445	M40ST8-B-262	White panel holds eight ST couplings	107239485
163448	M40DSC4-B-262	Panel for four SC adapters	107239493
524253	M40ST4-262	4-port ST panel, type 40, threaded, white	107800658
191155	M81SC-B	SC adapter with mounting module	108009416
190662	M81ST-B	ST adapter with mounting module	108009408
185076	M81LC-029	Multimode adapter with clear collar	107782641

M13CLS Furniture Faceplates

COMMSCOPE ENTERPRISE SOLUTIONS

The M13CLS modular furniture faceplate is designed for use with one M81LS duplex adapter. The remaining two openings can be used for M-Series copper outlets or left blank. The M13CLS is available in five colors to complement any office decor.

The M81LS-LS duplex adapter provides a duplex LC connection with fiber management. It can also be used in the M-Series modular faceplates. The M81LS-LS is aqua-colored for ease of fiber type identification and provides slack management to maintain proper bend radius behind the wall.

FACEPLATES; THREE CONNECTOR PORTS

Anixter No.	Vendor No.	Description	Material ID
219323	M13CLS-246	Ivory	108564675
219324	M13CLS-262	White	108564683
223299	M13CLS-003	Black	108564709
223300	M13CLS-270	Gray	108564691

LC DUPLEX COUPLERS WITH FIBER SPOOL

Anixter No.	Vendor No.	Description	Material ID
219321	M81LC-MM SPOOL	Multimode LC duplex adapter with fiber spool (beige)	108562174
219322	M81LC-SM SPOOL	Single-mode LC duplex adapter with fiber spool (blue)	700007420
250435	M81LC-LS SPOOL	LazrSPEED LC duplex adapter with fiber spool (aqua)	108623109

Fiber Solutions

Fan-out Kits

Central Core Tube Breakout Kit
COMMSCOPE ENTERPRISE SOLUTIONS

The Central Core Tube Breakout Kit contains buffer tubing and cable end prep materials for direct termination of connectors on campus cable. This kit will buffer approximately 100 fibers but contains only one blacking kit (one splitter kit should be ordered for each additional cable end). B-Sealant should also be ordered separately.

FEATURES
- This kit contains:
  - 210 ft. reel of 900 μm clear PVC tubing
  - 25 ft. white PVC tubing
  - 2 ft. heat-shrink tubing
  - 10 miniature cable ties
  - Five sealant applicators
  - One rosin bag
  - 1 ft. x .294 in. I.D., 1 ft. x .234 in. I.D. and 2 ft. x .166 in. I.D. tubing
  - One six-unit splitter
  - One eight-unit splitter

BREAKOUT KITS

| Anixter No.	Vendor No.	Description	Material ID
104578	D-181755	PVC Buffer Tubing Kit	700006117
209562	D-183016	Mini kit for cables with a maximum of 24 fibers	108459488

BREAKOUT KIT ACCESSORIES
These items are included in the D-181755 kit (except the B-Sealant), but can be ordered separately.

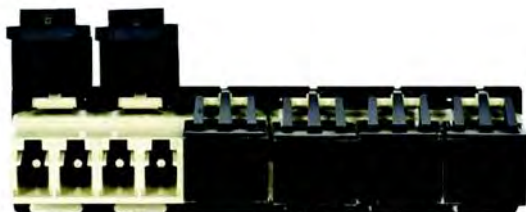| Anixter No.	Vendor No.	Description	Material ID
109709	D-181781	6 to 1 unit splitter for outdoor cable. Diameter of 0.41 in.	700011125
107902	D-181683	8 to 1 unit splitter for outdoor cable. Diameter of 0.41 in.	700006125
125092	D-182806	6 to 1 unit splitter fits 0.16 in. and 0.20 in. core tube	700010960

Cable Clamp

COMMSCOPE ENTERPRISE SOLUTIONS
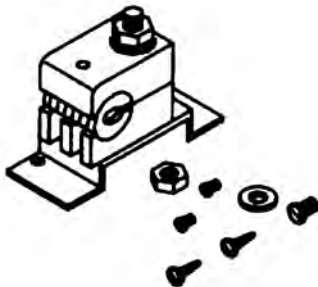
The 12A clamps are designed to provide the means for securing one cable to a shelf or backboard. The 12A2 is for dielectric cables. The 12A1 provides grounding for either ribbon cable equipment with sheath-terminating hardware or stranded cable with metallic-strength members. The 12A1 consists of a mounting bracket, plastic clamps and suitable grounding lugs.

Anixter No.	Vendor No.	Description	Material ID
132619	12A2	Dielectric	700025653
106721	12A1 CLAMP	Metallic	700025513

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Fiber Solutions

Fixed Termination/Splice Shelf

COMMSCOPE ENTERPRISE SOLUTIONS

The RFE-FXG-EMT/1U is a frame-mounted, fixed-position shelf that is designed to accommodate up to 48 LC, 24 ST or 24 SC adapters. The shelf can also be used as a splice unit to store 32 Single Fusion Splices, 24 Mechanical Splices or 12 Mass Fusion Splices with the addition of the appropriate splice holders. Dimensions: 1.75 in. (44 mm) H x 17.2 in. (437 mm) W x 8 in. (203 mm) D, 1RU.

FEATURES

- Replaces the RFE-FXC and FXD 1U shelves
- Front trough is available for jumper management
- Ganged adapters sold in singles and 10 packs
- Shelf comes empty with slots for four ganged adapters
- Four ganged adapters of any combination can be used
- Shelves are available with adapters installed
- A protective transparent plastic cover for the tray area is included

RACK-MOUNTED FIXED SHELF

Anixter No.	Vendor No.	Description
318282	RFE-FXG-EMT/1U	Empty, slots for ganged adapters, 1U

SUPPLEMENTAL SINGLE FUSION SPLICE HOLDERS/ORGANIZERS

Anixter No.	Vendor No.	Description
316286	SPT-FXS-MFS-HLD/1U	Pack of two for 1U Shelf
316287	SPT-FXS-SFS-HLD/1U	Pack of two for 1U Shelf

GANGED ADAPTERS

Anixter No.	Vendor No.	Description
259618	MFA-LC12-AQ-SHUTTERED	MM LC simplex/duplex ganged adapter, snap-in, aqua
251646	MFALC12AQ10BULKPACKSHUTTERED	MM LC simplex/duplex ganged adapter, snap-in, aqua, pack of 10
259605	MFA-LC12-BG-SHUTTERED	MM LC simplex/duplex ganged adapter, snap-in, beige
213821	MFALC12BG10BULKPACKSHUTTERED	MM LC simplex/duplex ganged adapter, snap-in, beige, pack of 10
259619	MFA-SC06-AQ-SHUTTERED	MM SC simplex/duplex ganged adapter, snap-in, aqua

Anixter No.	Vendor No.	Description
219273	MFASC06AQ10BULKPACKSHUTTERED	MM SC simplex/duplex ganged adapter, snap-in, aqua, pack of 10
259614	MFA-SC06-BG-SHUTTERED	SC with 12 slots for six simplex multimode adapters
215355	MFASC06BG10BULKPACKSHUTTERED	MM SC simplex/duplex ganged adapter, snap-in, beige, pack of 10
259621	MFA-ST06-AQ-SHUTTERED	MM ST simplex/duplex ganged adapter, snap-in, aqua
259617	MFA-ST06-BG-SHUTTERED	MM ST simplex/duplex ganged adapter, snap-in, beige
215358	MFAST06BG10BULKPACKSHUTTERED	MM ST simplex/duplex ganged adapter, snap-in, beige, pack of 10
433448	SFA-SC06-BL-SHUTTERED	TeraSPEED SC multiport shuttered adapter, blue, single pack
440886	MFAST06AQ10BULKPACKSHUTTERED	MM ST simplex/duplex ganged adapter, snap-in, aqua, pack of 10
440887	SFASC06BL10BULKPACKSHUTTERED	SM SC simplex/duplex ganged adapter, snap-in, blue
440888	SFAST06BL10BULKPACKSHUTTERED	SM ST simplex/duplex ganged adapter, snap-in, blue, pack of 10

InstaPATCH 360

COMMSCOPE SYSTIMAX SOLUTIONS

The InstaPATCH 360 System incorporates SYSTIMAX LazrSPEED multimode, OptiSPEED multimode and TeraSPEED single-mode fiber technologies to support today's most demanding applications.

The preterminated hardware of the SYSTIMAX LazrSPEED Solution is built with LazrSPEED 550 multimode fiber, providing for the capability to support 10 Gbps Ethernet applications, as well as emerging OM4, 40 Gbps/100 Gbps Ethernet and 16 Gbps Fiber Channel standards. The preterminated hardware has "low-loss" performance characteristics, coupled with high bandwidth, to provide best-in-class application support. Trunk cables are available in LazrSPEED 150, 300 and 550 performance grades to address the wide range of requirements of system operators. The InstaPATCH 360 System includes modules, trunk cables, rugged fan-outs, array cords and fiber patch cords. The system requires no special components to manage and maintain polarity within each channel.

FEATURES

- LazrSPEED shelves and modules are constructed with LazrSPEED 550 to provide headroom for future system upgrades
- TeraSPEED offers 60 percent increase in bandwidth due to zero water peak in the E-band (1400 nm window) in single-mode applications
- Factory-terminated and -tested cable and apparatus for instant field connections with guaranteed quality and performance
- 12-fiber MPO connector-based modular design enables simple connections
- Provides opportunities for lower total installed-system cost (material plus labor)
- Up to 50 percent savings in space due to the increased density
- Designed for administrative convenience - guaranteed transmit-to-receive connectivity
- Modules are compatible with G2 Modular Cassette footprint
- No special polarity components, single-module design, standard patch cords
- Easy upgrade path to parallel connectivity and wavelength division multiplexing applications:
  - 40 Gbps / 100 Gbps Ethernet
  - 16 Gbps Fiber Channel
- Supports easy reconfiguration for moves, adds and changes
- Improved fiber patch cord management and improved labeling capabilities
- Automatic shutter for LC adapters
- Developed by CommScope Labs and backed by the best-in-industry SYSTIMAX warranty

EMPTY MODULAR SHELVES

Anixter No.	Vendor No.	Description	Material ID
390393	360G2-1U-MOD-FX	360G2 Fixed 1U Shelf, accepts four 360DM/360DP/360G2 Cartridges	760103150
390394	360G2-1U-MOD-SD	360G2 Sliding 1U Shelf, accepts four 360DM/360DP/360G2 Cartridges	760103085
390401	360G2-2U-MOD-FX	360G2 Fixed 2U Shelf, accepts eight 360DM/360DP/360G2 Cartridges	760103168
390402	360G2-2U-MOD-SD	360G2 Sliding 2U Shelf, accepts eight 360DM/360DP/360G2 Cartridges	760103143

Anixter No.	Vendor No.	Description	Material ID
390408	360G2-4U-MOD-FX	360G2 Fixed 4U Shelf, accepts 12 360DM/360DP/360G2 Cartridges	760101055
390409	360G2-4U-MOD-SD	360G2 Sliding 4U Shelf, accepts 12 360DM/360DP/360G2 Cartridges	760101071
431280	360G2-4U-MOD-FX-16	360G2 Fixed 4U Shelf, accepts 16 360DM/360DP/360G2 Cartridges	760110064

360 MODULAR PANELS

Anixter No.	Vendor No.	Description	Material ID
401194	360MP-1U	1U Modular Panel, accepts four 360DM/360DP/360G2 Cartridges	760106617
406144	360MP-1U-ANGLED	1U Angled Modular Panel, accepts four 360DM/360DP/360G2 Cartridges	760113001
413603	360MP-4U	4U Modular Panel, accepts 16 360DM/360DP/360G2 Cartridges	760120287

INSTAPATCH 360 MODULE

Anixter No.	Vendor No.	Description	Material ID
401195	360DM-24LC-LS	24 LC LazrSPEED	760109884
401196	360DM-12LC-LS	12 LC LazrSPEED	760109926
401197	360DM-12SC-LS	12 SC LazrSPEED	760109967
401198	360DM-24LC-MM	24 LC OptiSPEED	760109900
401199	360DM-12LC-MM	12 LC OptiSPEED	760109942
401200	360DM-12SC-MM	12 SC OptiSPEED	760109983
401201	360DM-24LC-SM	24 LC TeraSPEED	760109892
401202	360DM-12LC-SM	12 LC TeraSPEED	760109934
401203	360DM-12SC-SM	12 SC TeraSPEED	760109975

PASS-THRU PANELS

Anixter No.	Vendor No.	Description	Material ID
401205	360DP-2MPO	Distribution Panel two MPO	760107490
401206	360DP-4MPO	Distribution Panel four MPO	760107508
401207	360DP-6MPO	Distribution Panel six MPO	760107516
401208	360DP-8MPO	Distribution Panel eight MPO	760107524
401204	360DP-BLANK	G2 Adapter Panel, blank	760107482

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Rack-mountable Hardware

360G2 Modular System

COMMSCOPE SYSTIMAX SOLUTIONS

The 360 G2 shelves are designed to accept InstaPATCH 360 modules as well as being used for traditional G2 connectivity. This shelf is the Next Generation (G2) high-capacity, high-density fiber shelf. It has a unique design that brings all features and benefits of the 360 G2 shelves for use in the InstaPATCH 360 product line. The modular system also features interchangeable modules as well as splices.

EMPTY MODULAR SHELVES

Features the elegant 360 SYSTIMAX design. Offered in fixed and sliding options. Available in 1U, 2U and 4U sizes. The 360G2 1U Modular Shelf is available in iPatch-Ready versions (field-upgradable to iPatch without the need to remove patch cords, meaning no network downtime) or factory-assembled iPatch versions.

Anixter No.	Vendor No.	Description	Material ID
431280	360G2-4U-MOD-FX-16	360G2 Fixed 4U Shelf, accepts 16 360DM/360DP/360G2 Cartridges	760110064
390409	360G2-4U-MOD-SD	360G2 Sliding 4U Shelf, accepts 12 360DM/360DP/360G2 Cartridges	760101071
390408	360G2-4U-MOD-FX	360G2 Fixed 4U Shelf, accepts 12 360DM/360DP/360G2 Cartridges	760101055
390402	360G2-2U-MOD-SD	360G2 Sliding 2U Shelf, accepts eight 360DM/360DP/360G2 Cartridges	760103143
390401	360G2-2U-MOD-FX	360G2 Fixed 2U Shelf, accepts eight 360DM/360DP/360G2 Cartridges	760103168
390394	360G2-1U-MOD-SD	360G2 Sliding 1U Shelf, accepts four 360DM/360DP/360G2 Cartridges	760103085
440591	360G2-1U-MOD-IS	360G2 1U Internal Sliding Shelf, accepts four Modules	760119123
390393	360G2-1U-MOD-FX	360G2 Fixed 1U Shelf, accepts four 360DM/360DP/360G2 Cartridges	760103150

LAZRSPEED CARTRIDGES

Anixter No.	Vendor No.	Description	Material ID
396689	360G2 CARTRIDGE 12-LC-LS-AQ	360G2 Cartridge 12 LC LazrSPEED (50/125) aqua	760109256
396698	360G2 CARTRIDGE 6-SC-LS-AQ	360G2 Cartridge six SC LazrSPEED (50/125) aqua	760109298
396710	360G2 CARTRIDGE 6-ST-LS-AQ	360G2 Cartridge six ST LazrSPEED aqua	760109330

OPTISPEED CARTRIDGES

Anixter No.	Vendor No.	Description	Material ID
396691	360G2 CARTRIDGE 12-LC-MM-BG	360G2 Cartridge 12 LC OptiSPEED (62.5/125) beige	760109264
396701	360G2 CARTRIDGE 6-SC-MM-BG	360G2 Cartridge six SC OptiSPEED (62.5/125) beige	760109306
396713	360G2 CARTRIDGE 6-ST-MM-BG	360G2 Cartridge six ST OptiSPEED beige	760109348

TERASPEED CARTRIDGES

Anixter No.	Vendor No.	Description	Material ID
396693	360G2 CARTRIDGE 12-LC-SM-BL	360G2 Cartridge 12 LC TeraSPEED blue	760109272
396704	360G2 CARTRIDGE 6-SC-SM-BL	360G2 Cartridge six SC TeraSPEED blue	760109314
396716	360G2 CARTRIDGE 6-ST-SM-BL	360G2 Cartridge six ST TeraSPEED blue	760109355

ROLOSPLICE

Anixter No.	Vendor No.	Description	Material ID
310184	RS-00	Empty RoloSplice, accepts four splice trays	760027516
310186	RS-2AM-12SF	RoloSplice kit with two mechanical splice trays	760039859
310187	RS-2AF-16SF	RS-2AF-16SF, RoloSplice Kit with two fusion splice trays	760039867

Anixter No.	Vendor No.	Description	Material ID
310183	RS-4AM-12SF	RoloSplice equipped with 4X mechanical splice tray	760031849
310329	RS-4AF-16SF	RS-4AF-16SF, RoloSplice Kit with four fusion splice trays	760031856

360G2 Panel System

COMMSCOPE SYSTIMAX SOLUTIONS

Bend limiters maximize space by integrating into the shelf trough. Pull-/push-style latch on the front trough door improves access to shelf interior. Unique open-floor trough design enhances access for patch cord latching and de-latching. Displays intuitively placed port labeling when door is open. Features the elegant SYSTIMAX 360 design. Offered in fixed and sliding options. Available in 1RU and 2RU sizes.

360G2 SHELVES

Anixter No.	Vendor No.	Description	Material ID
395535	360G2-1U-UP-FX	1U fixed without faceplate shelf	760103176
395536	360G2-1U-UP-SD	1U sliding without faceplate shelf	760103184

PANELS

Anixter No.	Vendor No.	Description	Material ID
310209	G2-1U-24LC-DPLX-EMT	Takes 24 duplex LC adapters	760033845
310210	600G2-24LC-SPLX-00	Takes 24 simplex LC adapters	760033852
310211	G2-1U-24SC-DPLX-EMT	Takes 24 duplex SC adapters	760033860
310213	600G2-24SC-SPLX-00	Takes 24 simplex SC adapters	760033886
310212	600G2-24SC-DPLX-00	Takes 12 duplex SC adapters	760033878
310214	600G2-12SC-SPLX-00	Takes 12 simplex SC adapters	760033894
310215	600G2-24ST-SPLX-00	Takes 24 simplex ST adapters	760033902
310216	600G2-12ST-SPLX-00	Takes 12 simplex ST adapters	760033910

360G2 MODULAR DISTRIBUTION PANELS

The LC Modular Distribution Panels are iPatch Ready, thus allowing a network system to be upgraded with intelligence in the future. These 360G2 Cartridges and Bezels are reverse compatible with current 1000G2 and 600G2 MOD Shelves. It supports easy configurations for moves, adds and changes. Also, no special fiber patch cords are required for the iPatch-Ready field upgrade and no fiber disconnects to install the iPatch-Ready field upgrade.

Anixter No.	Vendor No.	Description	Material ID
414564	360DP-24LC-LS	Distribution Panel 24 LC LazrSPEED	760115907
425361	360DP-24LC-MM	Distribution Panel 24 LC OptiSPEED	760115923
414565	360DP-24LC-SM	Distribution Panel 24 LC TeraSPEED	760115915

Anixter No.	Vendor No.	Description	Material ID
396677	360DP-12LC-LS	Distribution Panel 12 LC LazrSPEED, iPatch Ready	760109363
396678	360DP-12LC-MM	Distribution Panel 12 LC OptiSPEED, iPatch Ready	760109371
396679	360DP-12LC-SM	Distribution Panel 12 LC TeraSPEED, iPatch Ready	760109389
431275	360DP-12SC-LS	Distribution Panel 12 SC LazrSPEED	760134551
431276	360DP-12SC-MM	Distribution Panel 12 SC OptiSPEED	760134569
431277	360DP-12SC-SM	Distribution Panel 12 SC TeraSPEED	760135087
431278	360DP-12SCA-SM	Distribution Panel, Angled, 12 SC TeraSPEED	760135095
396680	360DP-12LCA-SM	Distribution Panel 12 LC TeraSPEED, iPatch-Ready	760109751
396682	360DP-6SC-LS	Distribution Panel six SC LazrSPEED	760109397
396683	360DP-6SC-MM	Distribution Panel six SC OptiSPEED	760109405
396686	360DP-6ST-LS	Distribution Panel six ST LazrSPEED	760109421
396687	360DP-6ST-MM	Distribution Panel six ST OptiSPEED	760109439
401205	360DP-2MPO	Distribution Panel two MPO	760107490
401206	360DP-4MPO	Distribution Panel four MPO	760107508
401207	360DP-6MPO	Distribution Panel six MPO	760107516
401208	360DP-8MPO	Distribution Panel eight MPO	760107524

ROLOSPLICE

Anixter No.	Vendor No.	Description	Material ID
310184	RS-00	Empty RoloSplice, accepts four splice trays	760027516
310186	RS-2AM-12SF	RoloSplice kit with two mechanical splice trays	760039859
310187	RS-2AF-16SF	RS-2AF-16SF, RoloSplice Kit with two fusion splice trays	760039867
310183	RS-4AM-12SF	RoloSplice equipped with 4X mechanical splice tray	760031849
310329	RS-4AF-16SF	RS-4AF-16SF, RoloSplice Kit with four fusion splice trays	760031856

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4.103

Fiber Solutions

360G2 Ultra High Density Fiber Shelves

COMMSCOPE SYSTIMAX SOLUTIONS

The 2U shelf is configured with three sliding trays while the 4U has six sliding trays and both shelves utilize standard InstaPATCH 360 modules and distribution panels which allow for an easy upgrade to the 40G and 100G parallel optics. The 2U and 4U shelves also offer excellent front side cord management with slide protection and improved labeling with increased labeling surfaces.

FEATURES

- 50 percent increase in usable density
- Available in LazrSPEED and TeraSPEED to support high-performance applications
- Same footprint with duplex LC and MPO connections for simple migration from 10G serial to 40/100G parallel transmission
- 1U enhanced cable management features in a 1U footprint include individual fiber management trough per module and removable fiber cord management sleeve to prevent fiber pinching and tangling during MAC activity
- Each 1U shelf accommodates up to three InstaPATCH 360 LC modules for 144 fiber connections; or up to three MPO pass-through modules for 864 fiber connections
- Modular design provides design flexibility and allows for a pay as you grow approach
- Allows for rack consolidation increasing space savings in densely populated network areas such as data center SAN environment
- Low-loss factory terminated and tested module supports rapid deployment and uses OM4 fiber for extended distances or high bandwidth needs
- Supports up to (432) 10 GbE, (72) 40 GbE connections, or (36) 100 GbE channels

2 RU SLIDING SHELF

Overall shelf depth: 18.4 in.; Weight: 12.5 lb.

Anixter No.	Vendor No.	Description	Material ID
447100	360G2-2U-MOD-UHD	360G2 2U Modular Cassette Shelf, accepts 12 modules	760157750

4 RU SLIDING SHELF

Overall shelf depth: 18.4 in.; Weight: 25 lb.

Anixter No.	Vendor No.	Description	Material ID
443270	360G2-4U-MOD-UHD	360G2 4U Modular Cassette Shelf, accepts 24 modules	760154344

360 Ultra High Density Solution (UHD) - Fiber Solution

COMMSCOPE SYSTIMAX SOLUTIONS

CommScope announces the SYSTIMAX 360 Ultra High Density Solution (UHD), developed to meet today's most demanding high-density and high-performance fiber patching applications while also providing design flexibility and a migration path to next generation fiber networks in data centers. With a 50 percent increase in usable density, the UHD shelf is designed to support the most spacing demanding applications and provide space and cost-saving solutions for data center customers.

With installation and maintenance of structured cabling systems in data center environments rising significantly due to growth in storage area network (SAN) applications and the increased need to maximize floor and shelf space, CommScope has expanded its SYSTIMAX 360 Ultra High Density Fiber Solution (UHD) to incorporate multiple LC pass-thru panels as well as splicing capabilities. This new capability enables data center managers to efficiently and cost-effectively evolve their SANs through a turnkey solution update rather than a rip-and-replace. The latest addition to the SYSTIMAX 360 UHD fiber solution accommodates up to 144 LC connections in a 1U space by either splicing on LC pigtails or using existing LC terminated trunk cables, helping data center managers optimize their IT environments for SAN applications. In addition to the MPO preterminated solutions previously announced, the expanded SYSTIMAX 360 UHD solution now supports factory and field termination preferences while utilizing the network infrastructure's existing LC connectivity backbone to improve flexibility.

FEATURES

- UHD 1U shelf can be used with preterminated MPO fiber cable trunks, LC-terminated trunks or LC pigtails spliced onto raw cable
- Available in 2RU and 4RU sizes
- 2U configured with three sliding trays; 4U configured with six sliding trays
- LC pass-thru panels sold individually or with splice trays in preloaded shelves
- Splicing capacity matches port capacity (72 duplex LC ports or 144 fibers)
- Orderable UHD 1U splice shelf preloaded with three LC pass-thru panels for LazrSPEED or TeraSPEED for up to 72 duplex LC ports and three 48-fiber splice trays with clear covers
- Orderable UHD 1U splice shelf preloaded with three LC pass-thru panels for LazrSPEED or TeraSPEED with 24 duplex LC ports (48 fibers)
- Orderable stand-alone splice tray kit containing one 48 splice tray with clear cover and two splice holders
- Each splice tray accepts up to 48 fusion splices with standard 40 or 60 mm long heat-shrink splice protectors
- Orderable stand-alone splice holder kit containing two fusion splice holders and mounting tape; each splice holder accepts up to 24 splices
- Orderable shelf stabilizer kit contains adjustable brackets that attach the rear of the shelf to the back two posts of four-post racks or cabinets and provide additional rigidity to the UHD shelf installation
- Push/push-style latch on the front trough door improves access to shelf interior (also located on the rear of 4U shelf)

MPO PRETERMINATED SHELVES

Anixter No.	Vendor No.	Description	Material ID
424948	3603D-1U-144LC-LS-A	UHD Fiber Shelf with three InstaPATCH 360 Ultra High-Density Modules, 48-fiber, LC, LazrSPEED, Polarity A	760136457
427022	3603D-1U-144LC-LS-B	UHD Fiber Shelf with three InstaPATCH 360 Ultra High-Density Modules, 48-fiber, LC, LazrSPEED, Polarity B	760136465
424950	3603D-1U-144LC-SM-A	UHD Fiber Shelf with three InstaPATCH 360 Ultra High-Density Modules, 48-fiber, LC, TeraSPEED, Polarity A	760136432
427023	3603D-1U-144LC-SM-B	UHD Fiber Shelf with three InstaPATCH 360 Ultra High-Density Modules, 48-fiber, LC, TeraSPEED, Polarity B	760136440

PRELOADED SHELVES FOR MPO AND LC TRUNKS

Anixter No.	Vendor No.	Description	Material ID
437462	3603D-1U-144LC-LS-P	UHD Fiber Shelf with three Ultra High-Density Adapter Panels (48-fiber, LC, LazrSPEED)	760139675
437465	3603D-1U-144LC-SM-P	UHD Fiber Shelf with three Ultra High-Density Adapter Panels (48-fiber, LC, TeraSPEED)	760139683
427024	3603D-1U-72MPO	UHD Fiber Shelf with three InstaPATCH 360 24-Port MPO Adapter Panels	760136473

UNPOPULATED SHELVES AND MODULES

Anixter No.	Vendor No.	Description	Material ID
420337	3603D-1U-UP	UHD Fiber Shelf, 1U, empty	760110999
447100	360G2-2U-MOD-UHD	360G2 2U Modular Cassette Shelf, accepts 12 modules	760157750
443270	360G2-4U-MOD-UHD	360G2 4U Modular Cassette Shelf, accepts 24 modules	760154344

Anixter No.	Vendor No.	Description	Material ID
420338	3603M-48LC-LS	InstaPATCH 360 Ultra High-Density Module 48-fiber LC LazrSPEED	760111013
420340	3603M-48LC-SM	InstaPATCH 360 Ultra High-Density Module 48-fiber LC TeraSPEED	760111039
437466	3603P-48LC-LS	SYSTIMAX 360 Ultra High-Density Adapter Panel, 48-fiber, LC, LazrSPEED	760111088
437467	3603P-48LC-SM	SYSTIMAX 360 Ultra High-Density Adapter Panel, 48-fiber, LC, TeraSPEED	760111104
424328	3603P-24MPO	SYSTIMAX 360 Ultra High-Density Adapter Panel, 24 x MPO	760111153
420339	CMS-2-02	Fiber Cord Management Sleeve	760112003

Fiber Solutions

Intelligent Infrastructure Solutions - imVision

COMMSCOPE SYSTIMAX SOLUTIONS

imVision. Infrastructure Management. Made Easy.

imVision is the intelligent approach to infrastructure management that gives you unprecedented control over your network and the flexibility you need to thrive in today's business landscape. Your investment can quickly pay for itself through reduced downtime, energy and maintenance costs.

imVision combines intelligent software and hardware, enabling you to:

- Ensure tighter security throughout your network
- Enhance change management
- Simplify audits and compliance
- Improve process efficiency
- Increase operational efficiency, uptime and productivity
- Monitor and control all sites globally from one location
- Automate existing workflow

The SYSTIMAX imVision solution provides you with improved network visibility, allowing you to track the physical locations of all networked devices, such as desktop and laptop computers, wireless access points, IP phones and IP cameras, all in real time. In 60 seconds, you can pinpoint faults and expedite troubleshooting measures to minimize downtime.

FEATURES

- 4.3 in. (10.9 cm) multicolor touch screen interface with Activity LED
- Compatible with RM+ (v2 and v3), Panel Manager, Network Manager
- Supports existing iPatch copper panels and fiber optic shelves
- Preassembled
- Integrated (adjustable) horizontal cable management
- Display slides up/down for easy access to cords in tight spaces
- USB-attached display
- Includes PDU adapter
- Dual power inputs for redundancy
- Combines the functionality of Panel Manager and Network Manager into a single unit

Technical Information & Standards

GigaSPEED: ANSI/TIA Category 6- and 6A-compliant

INFRASTRUCTURE CONTROL SYSTEMS

Anixter No.	Vendor No.	Description	Material ID
390419	360-IP-PANEL-MGR	360 iPatch Panel Manager	760095562
403140	360-IP-NET-MGR-MOD	SYSTIMAX iPatch Network Manager Module	760105353
481640	360-IMV-CNTRLR	360 imVision Controller	760161380

360 IPATCH G2 HIGH DENSITY FIBER SHELF

The 360 iPatch G2 High Density fiber shelf accommodates 72 duplex LC ports (144 fibers) in 2U space. It is available empty, with the ability to be populated with one, two or three preterminated modules from LazrSPEED, TeraSPEED or OptiSPEED Solutions. It supports Alpha or Beta Installations and features the elegant SYSTIMAX 360 design.

Anixter No.	Vendor No.	Description	Material ID
390412	360-IP-HD-2U-IP-SD	360 iPatch G2 HD fiber shelf, wide	760093336
390413	360-IP-HD-MOD-LC-LS	360 iPatch G2 HD LS Module	760093344
390414	360-IP-HD-MOD-LC-LS-3	360 iPatch G2 HD LS Module (three pack)	760093351
390415	360-IP-HD-MOD-LC-TS	360 iPatch G2 HD TS Module	760093369
390416	360-IP-HD-MOD-LC-TS-3	360 iPatch G2 HD TS Module (three pack)	760093377
390417	360-IP-HD-MOD-LC-OS	360 iPatch G2 HD OS Module	760093385
390418	360-IP-HD-MOD-LC-OS-3	360 iPatch G2 OS Module (three pack)	760093393

IPATCH INTELLIGENT FIBER OPTIC SHELVES

Anixter No.	Vendor No.	Description	Material ID
390395	360-IP-G2-1U-LC-FX	24-port, 1U, fixed	760105163
390396	360-IP-G2-1U-LC-SD	24-port, 1U, sliding	760105171
390405	360-IP-UP-KIT-G2-LC	360 iPatch Upgrade Kit for 360G2-1U-MOD shelves with LC cassettes	760105148
266264	IP-600A-12-SC-MMF	12-port duplex SC multimode Intelligent Fiber Shelf with fixed tray, phosphor bronze	760005595
266291	IP-600B-12-SC-MMF	12-port duplex SC multimode Intelligent Fiber Shelf with sliding tray, phosphor bronze	760005629
266287	IP-600A-12-SC-SMF	12-port duplex SC single-mode Intelligent Fiber Shelf with fixed tray, phosphor bronze	760010777
266294	IP-600B-12-SC-SMF	12-port duplex SC single-mode Intelligent Fiber Shelf with sliding tray, phosphor bronze	760010785

IPATCH INTELLIGENT PRETERMINATED FIBER OPTIC SHELVES

Anixter No.	Vendor No.	Description	Material ID
325426	IP-PTF-12-SC-LS	Preterminated 12-port duplex SC LazrSPEED Intelligent Fiber Shelf	760038513
374025	IP-PTF-12-SC-OS	Preterminated 12-port duplex SC OptiSPEED Intelligent Fiber Shelf	760066183

Anixter No.	Vendor No.	Description	Material ID
325427	IP-PTF-12-SC-TS	Preterminated 12-port duplex SC TeraSPEED Intelligent Fiber Shelf	760038521
414699	360-IP-INSTA-LC-4OS	360 iPatch InstaPatch LC, four OS Modules	760117424
414697	360-IP-INSTA-LC-4LS	360 iPatch InstaPatch LC, four LazrSPEED Modules	760117432
414698	360-IP-INSTA-LC-4TS	360 iPatch InstaPatch LC, four TeraSPEED Modules	760117440

IPATCH INTELLIGENT COPPER PATCH PANELS

Anixter No.	Vendor No.	Description	Material ID
438196	360-IP-1100-E-GS3-1U-24	360 iPatch 1100GS3 Evolve 24-port panel	760152355
438197	360-IP-1100-E-GS3-2U-48	360 iPatch 1100GS3 Evolve 48-port panel	760152330
432507	360-IP-PMAX-GS3-24	360 iPatch PATCHMAX GS3 Panel, 24-port	760123489
432509	360-IP-PMAX-GS3-48	360 iPatch PATCHMAX GS3 Panel, 48-port	760123497
438203	360-IP-UP-KIT-E＋PMAX-48	360 iPatch Upgrade Kit Evolve and PATCHMAX 48-port, five pack	760152298
438204	360-IP-UP-KIT-PMAX-2U-24	360 iPatch Upgrade Kit PATCHMAX 2U, 24-port, 10 pack	760152306
389117	360-IP-UP-KIT-1100-24	360 iPatch Upgrade Kit for 360 1100 24-port panel	760104992
390262	360-IP-UP-KIT-1100-48	360 iPatch Upgrade Kit for 360 1100 48-port panel	760105015
359989	IP-M4200I-24	iPatch M4200i 24-port Intelligent Universal Modular Panel without modules	760073866
438201	360-IP-M-E-HD6B-1U-24	360 iPatch Evolve High Density F/UTP Modular Panel, 24-port	760152371
438835	360-IP-M-E-HD6B-2U-48	360 iPatch Evolve High Density F/UTP Modular Panel, 48-port	760152389
438199	360-IP-1100-E-GS6-1U-24	360 iPatch 1100GS6 Evolve 24-port panel	760152363
438200	360-IP-1100-E-GS6-2U-48	360 iPatch 1100GS6 Evolve 48-port panel	760152348
438834	360-IP-PMAX-GS6-48	360 iPatch PATCHMAX GS6 48-port panel	760130401

INFRASTRUCTURE OPERATIONS SOFTWARE

Anixter No.	Vendor No.	Description	Material ID
488086	IM-SYS-MGR-ENT-1K	imVision System Manager Enterprise 1000	760165621
396660	IM-SYS-MGR-ENT-2K	imVision System Manager Enterprise up to 2,000 ports	760111187
485436	IM-SYS-MGR-ENT-5K	imVision System Manager Enterprise 5000	760165639
396661	IM-SYS-MGR-ENT-10K	imVision System Manager Enterprise 10000	760111195
369515	IM-SYS-MGR-ENT-UNL	imVision System Manager Enterprise Unlimited	760090068
488092	IM-UP-SYSMGR-1K-2K	imVision Upgrade System Manager Enterprise 1000 - 2,000	760165514
488093	IM-UP-SYSMGR-1K-5K	imVision Upgrade System Manager Enterprise 1000 - 5,000	760165522
488094	IM-UP-SYSMGR-1K-10K	imVision Upgrade System Manager Enterprise 1000 - 10,000	760165530
488095	IM-UP-SYSMGR-1K-UNL	imVision Upgrade System Manager Enterprise 1000 - unlimited	760165548
488096	IM-UP-SYSMGR-2K-5K	imVision Upgrade System Manager Enterprise 2000 - 5,000	760165555
396662	IM-UP-SYSMGR-2K-10K	imVision Upgrade System Manager Enterprise 2000 - 10,000	760111203
396664	IM-UP-SYSMGR-2K-UNL	imVision Upgrade System Manager Enterprise 2000 - unlimited	760111211
488097	IM-UP-SYSMGR-5K-10K	imVision Upgrade System Manager Enterprise 5000 - 10,000	760165563
488098	IM-UP-SYSMGR-5K-UNL	imVision Upgrade System Manager Enterprise 5000 - Unlimited	760165571
396663	IM-UP-SYSMGR-10K-UNL	imVision Upgrade System Manager Enterprise 10,000 - unlimited	760111229

SYSTEM INTEGRATIONS

Anixter No.	Vendor No.	Description	Material ID
488101	IM-SYS-MGR-EXT-XML	imVision Extended XML	760165076

Fiber Solutions

Wall-mountable Hardware

Fiber Solutions

Surface Mount Enclosure (SME) for Fiber Optic Applications

COMMSCOPE SYSTIMAX SOLUTIONS

SYSTIMAX Solutions' Surface Mount Enclosure is used for a combination of splicing and termination of fiber optic building cables, outside plant (OSP) cables or InstaPATCH Plus installations. The enclosure can be used for combined termination and splicing for up to 96 fibers depending on adapter type and configuration and the enclosure can be configured for multiple adapter applications.

The SME boxes are wall-mounted enclosures that are designed to accommodate terminations of up to 96 LC fibers or 48 SC or ST fibers. The enclosures can also be used as splice units to store 96 single fusion splices, 72 mechanical splices with the addition of the appropriate splice holders. Dimensions: 11 in. H (279 mm) x 13 in. W (330 mm) x 3.7 in. D (94 mm).

FEATURES

- Security covers for behind-the-wall (BTW) and patch side
- Mount on wall at various orientations
- User access and behind-the-wall access are independently secured with separate padlocks (not included)
- Cable mounting with strain-relief fitting
- Fiber cable protection on patch side
- RoloSplice kits available
- Cable clamp compatible (not included)

SURFACE-MOUNT ENCLOSURE

Anixter No.	Vendor No.	Description	Material ID
353266	SME-4-G2	360 SME-4-G2, Surface Mount Enclosure, four modules	760060426

ROLOSPLICE

Anixter No.	Vendor No.	Description	Material ID
310186	RS-2AM-12SF	RoloSplice kit with two mechanical splice trays	760039859
310187	RS-2AF-16SF	RS-2AF-16SF, RoloSplice Kit with two fusion splice trays	760039867
310183	RS-4AM-12SF	RoloSplice equipped with 4X mechanical splice tray	760031849
310329	RS-4AF-16SF	RS-4AF-16SF, RoloSplice Kit with four fusion splice trays	760031856

ANIXTER

Preterminated Solutions

ReadyPATCH Solutions Trunk Cables

COMMSCOPE UNIPRISE SOLUTIONS

ReadyPATCH™ Cu Copper Harness Configurator

C — — — — X X X X

Copper

Link Count
4 04
6 06
8 08
12 12
16 16
18 18
24 24

Performance
A Cat 5e
B Cat 6

Material Rating
1 PVC
2 Plenum

Bundling
A Expando
B Velcro
C Cable Ties

Connector
A Outlet
B Plug
Dual Row
P SwitchPack 16
Q SwitchPack 12
R SwitchPack 8
Single Row
S SwitchPack 8
T SwitchPack 6
U SwitchPack 4
X Blunt

Exit Orientation
0 No Stagger
1 Left
2 Right
3 Trident
4 Left Pair
5 Right Pair
6 Trident Pair

Lowest Leg Numbering
A 01
B 05
C 07
D 09
E 13
F 17
G 19
H 25
O 29
L 31
I 33
J 37
K 41
M 43
N 45
P 49
Q 55
R 61
S 67
T 73
X Custom

Connector
A Outlet
B Plug
Dual Row
P SwitchPack 16
Q SwitchPack 12
R SwitchPack 8
Single Row
S SwitchPack 8
T SwitchPack 6
U SwitchPack 4
X Blunt

Exit Orientation
0 No Stagger
1 Left
2 Right
3 Trident
4 Left Pair
5 Right Pair
6 Trident Pair

Lowest Leg Number
A 01
B 05
C 07
D 09
E 13
F 17
G 19
H 25
O 29
L 31
I 33
J 37
K 41
M 43
N 45
P 49
Q 55
R 61
S 67
T 73
X Custom

CommScope® Engineering Use Only CommScope® Assigned

Pulling Eye
A End A
B End B
C Both
D None

Length Feet

The ReadyPATCH Solution combines preterminated, factory-tested hardware and backbone trunk cables with ruggedized MPO-single fiber fan-out patch cords, array cords and standard fiber patch cords. This allows installers to rapidly connect system components in a fraction of the time required with traditional field-terminable solutions. Since the solution enables up to 144 fibers to be ready for service at once, time-to-usability is accelerated dramatically, with factory-guaranteed performance.

For ordering information, contact your local sales representative.

ReadyPATCH Preterminated Fiber Solution

COMMSCOPE UNIPRISE SOLUTIONS

Data centers are critical to the effectiveness of any enterprise, and when it comes to installing or expanding this infrastructure, time is of the essence. Data centers house sensitive business information. As such, data center managers want installers and contractors on site as little as possible during these strategic installations. The Uniprise ReadyPATCH Solution combines preterminated, factory-tested hardware and backbone trunk cables with ruggedized MPO-single fiber fan-out patch cords, array patch cords and standard fiber patch cords. This allows installers to rapidly connect system components in a fraction of the time required with traditional field-terminable solutions. Since the solution enables up to 144 fibers to be ready for service at once, time-to-usability is accelerated dramatically, with factory-guaranteed performance. ReadyPATCH supports the deployment of both multimode and single-mode fiber in any data center.
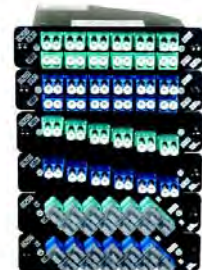
FEATURES

• Factory-terminated and -tested cable and apparatus provide instant field connections with guaranteed quality and performance
• Advanced MPO module design features high density and provides up to 50 percent savings in space. Provides opportunities for lower total installed system cost (material plus labor)
• An easy upgrade path from duplex to parallel connectivity enables ultra-high speed/bandwidth applications (10/40/100 Gbps)
• Standards-based (ANSI/TIA-568-C.2) polarity topology requires no special polarity components and ensures guaranteed transmit-to-receive connectivity
• Supports easy reconfiguration for moves, adds and changes

For ordering information, contact your local sales representative.

Fiber Solutions

Preterminated Solutions

Fiber Solutions

ReadyPATCH Solutions Modules and Adapter Panels

COMMSCOPE UNIPRISE SOLUTIONS

The Uniprise ReadyPATCH solution with Ready shelves and wall mounts combine factory-terminated, factory-tested hardware and backbone trunk cables with ruggedized MPO single-fiber fan-out patch cords, array cords and standard-fiber patch cords. Without having to measure, cut and terminate cable on-site, installers can connect components up to eight times faster than with field-terminated cables. By connecting up to 144 fibers at once, the Uniprise ReadyPATCH solution accelerates deployment of critical network applications.

MODULES

Anixter No.	Vendor No.	Description	Material ID
425711	RFE-MOD-024-5K-MPO-LC02	24F, LC, laser optimized, 50 μm, multimode	760039685
428627	RFE-MOD-024-6F-MPO-LC02	24F, LC, 62.5 μm, multimode	760044818
313931	RFE-MOD-024-8W-MPO-LC02	24F, LC, single-mode	760039701
425712	RFE-MOD-012-5K-MPO-LC02	12F, LC laser optimized, 50 μm, multimode	760039727
425714	RFE-MOD-012-5K-MPO-SC02	12F, SC, laser optimized, 50 μm, multimode	760039768
428629	RFE-MOD-012-6F-MPO-LC02	12F, LC, 62.5 μm, multimode	760044826
428631	RFE-MOD-012-6F-MPO-SC02	12F, SC, 62.5 μm, multimode	760044834
313930	RFE-MOD-012-8W-MPO-LC02	12F, LC, single-mode	760039743
313932	RFE-MOD-012-8W-MPO-SC02	12F, SC, single-mode	760039784

ADAPTER PANELS

Anixter No.	Vendor No.	Description	Material ID
428607	PNL-BK-012-MFA-LC12-AQ	LazrSPEED LC, 12 fiber, aqua ganged adapter, black panel	760148056
428611	PNL-BK-012-MFA-SC01-AQ	LazrSPEED SC, 12 fiber, aqua simplex adapter, black panel	760148130
428615	PNL-BK-006-MFA-SC06-AQ	LazrSPEED SC, 6 fiber, aqua ganged adapter, black panel	760147975
428622	PNL-BK-006-MFA-ST06-AQ	LazrSPEED ST, 6 fiber, aqua ganged adapter, black panel	760148015
428605	PNL-BK-024-MFA-LC02-BG-NS	OptiSPEED LC, 24 fiber, beige duplex adapter, black panel, no shutter	760148189
428608	PNL-BK-012-MFA-LC12-BG	OptiSPEED LC, 12 fiber, beige ganged adapter, black panel	760148064
428612	PNL-BK-012-MFA-SC01-BG	OptiSPEED SC, 12 fiber, beige simplex adapter, black panel	760148148
428616	PNL-BK-006-MFA-SC06-BG	OptiSPEED SC, 6 fiber, beige ganged adapter, black panel	760147983
428619	PNL-BK-006-MFA-SC02-BG	OptiSPEED SC, 6 fiber, beige duplex adapter, black panel	760148114
428625	PNL-BK-006-MFA-ST01	OptiSPEED ST, 6 fiber, beige ganged adapter, black panel	760148098
428623	PNL-BK-006-MFA-ST06-BG	OptiSPEED ST, 6 fiber, beige ganged adapter, black panel	760148023
428606	PNL-BK-024-SFA-LC02-BL-NS	TeraSPEED LC, 24 fiber, blue duplex adapter, black panel, no shutter	760148361
428609	PNL-BK-012-SFA-LC12-BL	TeraSPEED LC, 12 fiber, blue ganged adapter, black panel	760148254
428610	PNL-BK-012-AFA-LC12-GR	TeraSPEED LC angled, 12 fiber, green ganged adapter, black panel	760147637
428613	PNL-BK-012-SFA-SC01-BL	TeraSPEED SC, 12 fiber, blue simplex adapters, black panel	760148346
428614	PNL-BK-012-AFA-SC01-GR	TeraSPEED SC angled, 12 fiber, green simplex adapter, black panel	760148338
428618	PNL-BK-006-AFA-SC06-GR	TeraSPEED SC angled, 6 fiber, green ganged adapter, black panel	760147652
428620	PNL-BK-006-SFA-SC02-BL	TeraSPEED SC, 6 fiber, blue duplex adapters, black panel	760148312
428617	PNL-BK-006-SFA-SC06-BL	TeraSPEED SC, 6 fiber, blue ganged adapter, black panel	760148213
428621	PNL-BK-006-SFA-SC01-BL	TeraSPEED SC, 6 fiber, blue simplex adapters, black panel	760148270
428624	PNL-BK-006-SFA-ST06-BL	TeraSPEED ST, 6 fiber, blue ganged adapter, black panel	760148239
428626	PNL-BK-006-SFA-ST01	TeraSPEED ST, 6 fiber, simplex adapters, black panel	760148288

For the complete line of modules and adapter panels, please contact your local sales representative.

Preterminated Solutions

ReadyPATCH Solutions Housings

COMMSCOPE UNIPRISE SOLUTIONS

ReadyPATCH Solutions housings are available in both 1U and 4U sizes and mount in 19 in. racks or cabinets. Combined with ReadyPATCH modules and trunks, they support easy reconfiguration for moves, adds and changes. The enclosures support up to 12 modules and have an advanced MPO module design.

READY WALL MOUNTS

Anixter No.	Vendor No.	Description	Material ID
428509	WBE-EMT-BK/2P-PNL	Wall-mount building enclosure, 2P, black	760147496
428510	WBE-EMT-BK/4P-PNL	Wall-mount building enclosure, 4P, black	760147504
428511	WBE-EMT-BK/8P-PNL	Wall-mount building enclosure, 8P, black	760147512

READY SHELVES

Anixter No.	Vendor No.	Description	Material ID
428551	RFE-SLC-IS-EMT-BK/1U-PNL	Ready 1U Internal Sliding Shelf, black	760147439
428552	RFE-SLC-IS-EMT-BK/2U-PNL	Ready 2U Internal Sliding Shelf, black	760147447
428553	RFE-SLC-IS-EMT-BK/4U-PNL	Ready 4U Internal Sliding Shelf, black	760147454

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Splices

Fiber Solutions

Pulling Grips

COMMSCOPE UNIPRISE SOLUTIONS

Anixter No.	Vendor No.	Description	Material ID
428188	KIT-GRP-12-3/8	Reusable Pulling Grip 12 fibers	9703903/00
428190	KIT-GRP-24-3/8	Reusable Pulling Grip 24 fibers	9703904/00

Rack-mount Brackets

COMMSCOPE UNIPRISE SOLUTIONS

Anixter No.	Vendor No.	Description	Material ID
428195	RFE-RMB-5-3/4	Mounting bracket, five cables with 3/4 in. fittings, 72 - 144 armored fiber trunks	9703902/00
428196	RFE-RMB-6-1/2	Mounting bracket, six cables with 1/2 in. fittings, 48 - 144 fiber trunks or 12 - 48 armored fiber trunks	9703901/00
428197	RFE-RMB-6-3/8	Mounting bracket, six cables with 3/8 in. fittings, 12 - 24 fiber trunks	9703900/00
428198	RFE-BGND-12	Ground Strap Kit. Used with armored trunks and cables	9703931/00
428199	RFE-UMB	Univeral mounting bracket, up to three modules or panels	9703932/00

Fiber Splice Kits / Splice Wallet Kits

COMMSCOPE UNIPRISE SOLUTIONS

Anixter No.	Vendor No.	Description	Material ID
428180	KIT-SW-48-SFS-2FD	48 single fusion splices (1x3x16), 1U/2U shelf, two fiber drums	760148411
428181	KIT-SW-36-MES-2FD	36 mechanical splices (1x3x12), 1U/2U shelf, two fiber drums	760148429
428182	KIT-SW-96-SFS-2FD	96 single fusion splices (1x6x16), 2U shelf, two fiber drums	760148437
428183	KIT-SW-72-MES-2FD	72 mechanical splices (1x6x12), 2U shelf, two fiber drums	760148445
428184	KIT-SW-96-SFS-4FD	96 single fusion splices (1x6x16), 4U shelf, four fiber drums	760148452
428185	KIT-SW-72-MES-4FD	72 mechanical splices (1x6x12), 4U shelf, four fiber drums	760148460
428186	KIT-SW-192-SFS-4FD	192 single fusion splices (2x6x16), 4U shelf, four fiber drums	760148478
428187	KIT-SW-144-MES-4FD	144 mechanical splices (2x6x12), 4U shelf, four fiber drums	760148486

Distribution Cable - Plenum- and Riser-rated

BELDEN

Belden distribution cables use a flexible thermoplastic jacket to provide excellent handling characteristics. Fibers and cable subunits are color coded for easy identification. Length markings are in meters for easy determination of cable length. Full dielectric construction; no grounding required. Ideal for in-building backbones, computer rooms and fiber-to-the-desk applications.

Fiber Bundle Detail

FEATURES

- Laser certified
- Suitable for direct connection
- IEEE 383

Technical Information & Standards

Tech. Info. & Standards are dependent upon fiber type. Contact your local sales representative for more information.

RISER-RATED, 62.5/125 MULTIMODE / OM1

Note: OFNR/FT4 - maximum attenuation: 3.5/1.2 dB/km at 850/1300 nm; minimum bandwidth: 200/500 MHz•km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 300/550 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-BNTOM1-TBD-06	B9B039	6	0.17	4.4	286	1272	143	636	3.0	10.80	2.25	5.71
371-BNTOM1-TBD-12	B9B042	12	0.22	5.59	239	1063	119	529	3.5	11.43	2.75	6.99

RISER-RATED, 50/125 MULTIMODE / OM2

Note: OFNR/FT4 - maximum attenuation: 3.5/1.2 dB/km at 850/1300 nm; minimum bandwidth: 500/500 MHz•km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 600/600 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-BNTOM2-TBD-06	B9A039	6	0.17	4.4	286	1272	143	636	3.0	10.80	2.25	5.71
370-977-DMAR-12	B9A042	12	0.22	5.59	239	1063	119	529	3.5	11.43	2.75	6.99

RISER-RATED, 50/125 MULTIMODE / OM3

Note: OFNR/FT4 - maximum attenuation: 3.0/1.2 dB/km at 850/1300 nm; minimum bandwidth: 1500/500 MHz•km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 900/550 m at 850/1300 nm; guaranteed 10 Gigabit Ethernet distance: 300 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-NDX150TBD-06	B9C039	6	0.17	4.4	286	1272	143	636	3	10.80	2.25	5.71
371-BNTOM3-TBD-12	B9C042	12	0.22	5.59	239	1063	119	529	3.5	11.43	2.75	6.99

RISER-RATED, 50/125 MULTIMODE / OM4

Note: OFNR/FT4 - maximum attenuation: 3.0/1.2 dB/km at 850/1300 nm; minimum bandwidth: 3500/500 MHz•km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 1,000/550 m at 850/1300 nm; guaranteed 10 Gigabit Ethernet distance: 550 m at 850/1300 nm

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-BNTOM4-TBD-06	B9E039	6	0.17	4.4	286	1272	143	636	3	10.80	2.25	5.71
371-BNTOM4-TBD-12	B9E042	12	0.22	5.59	239	1063	119	529	3.5	11.43	2.75	6.99

Fiber Solutions

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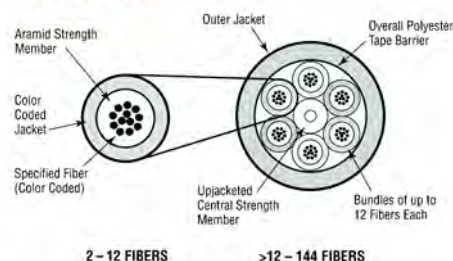
Cables

(continued)   Distribution Cable - Plenum- and Riser-rated

RISER-RATED, SINGLE-MODE / OS2

Note: OFNR/FT4 - maximum attenuation: 0.5/0.5 dB/km at 1310/1550 nm; guaranteed Gigabit Ethernet distance: 5,000 m at 1310/1550 nm; guaranteed 10 Gigabit Ethernet distance: 10,000 m at 1310/1550 nm

			Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
		No. of										
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-BNTOS2-TBD-06	B9W039	6	0.17	4.4	286	1272	143	636	3	10.80	2.25	5.71
371-BNTOS2-TBD-12	B9W042	12	0.22	5.59	239	1063	119	529	3.5	11.43	2.75	6.99

PLENUM-RATED, 62.5/125 MULTIMODE / OM1

Note: OFNP/FT6 - maximum attenuation: 3.5/1.2 dB/km at 850/1300 nm; minimum bandwidth: 200/500 MHz•km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 300/550 m at 850/1300 nm

			Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
		No. of										
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-BNTOM1-TBD-06	B9B045	6	0.17	4.4	286	1272	143	636	3.0	10.16	2.00	5.08
370-BNTOM1-TBD-12	B9B048	12	0.22	5.59	239	1063	119	529	3.5	13.97	2.25	5.71

PLENUM-RATED, 50/125 MULTIMODE / OM2

Note: OFNP/FT6 - maximum attenuation: 3.5/1.2 dB/km at 850/1300 nm; minimum bandwidth: 500/500 MHz•km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 600/600 m at 850/1300 nm

			Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
		No. of										
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-978-DMAP-06	B9A045	6	0.17	4.4	286	1272	143	636	3	10.16	2.00	5.08
370-978-DMAP-12	B9A048	12	0.22	5.59	239	1063	119	529	3.5	13.97	2.25	5.71

PLENUM-RATED, 50/125 MULTIMODE / OM3

Note: OFNP/FT6 - maximum attenuation: 3.0/1.2 dB/km at 850/1300 nm; minimum bandwidth: 1500/500 MHz•km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 900/550 m at 850/1300 nm; guaranteed 10 Gigabit Ethernet distance: 300 m at 850/1300 nm

			Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
		No. of										
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-BNTOM3-TBD-06	B9C045	6	0.17	4.4	286	1272	143	636	3	10.16	2.00	5.08
370-BNTOM3-TBD-12	B9C048	12	0.22	5.59	239	1063	119	529	3.5	13.97	2.25	5.71

PLENUM-RATED, 50/125 MULTIMODE / OM4

Note: OFNP/FT6 - maximum attenuation: 3.0/1.2 dB/km at 850/1300 nm; minimum bandwidth: 3500/500 MHz•km at 850/1300 nm; guaranteed Gigabit Ethernet distance: 1,000/550 m at 850/1300 nm; guaranteed 10 Gigabit Ethernet distance: 550 m at 850/1300 nm

			Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
		No. of										
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-BNTOM4-TBD-06	B9E045	6	0.17	4.4	286	1272	143	636	3	10.16	2.00	5.08
370-BNTOM4-TBD-12	B9E048	12	0.22	5.59	239	1063	119	529	3.5	13.97	2.25	5.71

PLENUM-RATED, SINGLE-MODE / OS2

Note: OFNP/FT6 - maximum attenuation: 0.5/0.5 dB/km at 1310/1550 nm; guaranteed Gigabit Ethernet distance: 5000 m at 1310/1550 nm; guaranteed 10 Gigabit Ethernet distance: 10,000 m at 1310/1550 nm

			Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
		No. of										
Anixter No.	Vendor No.	Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-BNTOS2-TBD-06	B9W045	6	0.17	4.4	286	1272	143	636	3	10.16	2	5.08
370-BNTOS2-TBD-12	B9W048	12	0.22	5.59	239	1063	119	529	3.5	13.97	2.25	5.71

> For more Belden fiber options including interconnect cable, breakout style cable, interlocked armor distribution cable, tactical cable, ribbon cable, single jacket, all-dielectric cable, double jacket armored cable, double jacket heavy-duty cable, central tube cable, micro loose tube breakout style cable and tray optic heavy-duty all-dielectric cable, contact your local sales office.

FiberExpress Brilliance Connectors

BELDEN

Belden FiberExpress Brilliance Connectors require no epoxy, no polish and no crimping. The FX Brilliance connectors provide a simplified termination process with the ability to quickly and reliability verify the termination once it is made.

900 μM CONNECTORS

Anixter No.	Vendor No.	Description
408474	AX104240-S1	LC, OM1, multimode
408476	AX104241-S1	LC, OM2, multimode
408478	AX104242-S1	LC, OM3/OM4, multimode
408480	AX104243-S1	LC, OS2, single-mode
429831	AX104244-S1	SC, OM1, multimode
429833	AX104245-S1	SC, OM2, multimode
429835	AX104246-S1	SC, OM3/OM4, multimode
436079	AX104247-S1	SC, OS2, single-mode
449185	AX104253-S1	SC-APC, OS2, single-mode

2.0 MM CONNECTORS

Anixter No.	Vendor No.	Description
449174	AX104254-S1	LC, OM1, multimode
449176	AX104255-S1	LC, OM2, multimode
449181	AX104256-S1	LC, OM3/OM4, multimode
449183	AX104257-S1	LC, OS2, single-mode
449175	AX104258-S1	SC, OM1, multimode
449178	AX104259-S1	SC, OM2, multimode
449182	AX104260-S1	SC, OM3/OM4, multimode
449184	AX104261-S1	SC, OS2, single-mode
449186	AX104467-S1	SC-APC, OS2, single-mode

FIBEREXPRESS BRILLIANCE INSTALLATION KITS

FiberExpress installation tool kits further reduce installation time by providing fast and easy access to fiber preparation tools such as fiber strippers and precision fiber cleavers.

Anixter No.	Vendor No.	Description
449197	AX104271	Brilliance Precision installation kit, includes: pouch, guides, support handle with LC, SC and ST adapters, assorted hand tools, Visual Fault Locator (VFL) with LC, SC and ST adapter cords and the FX Brilliance precision cleaver
222660	AX101100	Field Breakout Kit for one loose tube bundle of up to six 250 μm fibers to 900 μm tubes
222661	AX101101	Field Breakout Kit for one loose tube bundle of up to 12 250 μm fibers to 900 μm tubes
416336	AX104290	Support handle SC adapter
416335	AX104289	Support handle LC adapter
416337	AX104291	Support handle ST adapter
416334	AX203568	LC-SC Visual Fault Locator (VFL-250) cord
440893	AX104293	Precision cleaver replacement blade for FC-7
321168	AX100951	Replacement alcohol wipes and ink marker

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FiberExpress Ultra HD System

BELDEN

Belden's FiberExpress Ultra HD System has been designed for an optimized combination of density and modularity for data center and networking applications. With densities up to 72 LC duplex connectors (144 fibers) or up to 72 MPO connectors per rack unit, the FiberExpress Ultra HD System is the ideal solution for 10G, 40G and 100G deployments.

Anixter No.	Vendor No.	Description
479720	AX104681	1U FX UHD frame with front and rear cable trays, titanium
497050	AX104682	2U FX UHD frame with front and rear cable trays, titanium
474318	AX104683	4U FX UHD frame with front and rear cable trays, titanium
497051	AX104684	1U FX UHD splice housing kit, up to 144 splices, titanium
497052	AX104705	FX UHD splice accessory kit for up to 144 splices including shrink tubes, Velcro, wire markers and cable ties
497053	AX105162	FX UHD patch cord tray cover, titanium

FiberExpress Ultra HD Frames

BELDEN

Belden FX UHD frames have been designed to reach the maximum capacity: 18 LC Duplex connectors (36 fibers) per frame or 18 MPO connectors per frame for up to 144 LC Duplex or MPO ports per rack-unit. These can easily be inserted or removed without tools from the patch panel housing for simplified moves, adds and changes.

FIBEREXPRESS ULTRA FRAMES AND BEZELS

FiberExpress Ultra Frames are typically preloaded with bezels which provide streamlines patch cord management and optimal design flexibility and single- or dual-connector options. A unique (patent pending) mechanism allows the bezel to slide out one inch (2.5 cm) from the frame, providing easy connector access and patch cord management. Available in a wide variety of connector types, in both multimode and single-mode versions, and in the newly recognized ANSI/TIA multimode maximum of six bezels. Frames with pigtails come loaded with connector bezels and two-meter pigtails.

> Contact your local sales representative for specific part-number information.

FiberExpress Ultra HD Pre-Terminated Cassettes

BELDEN

FiberExpress Ultra HD Pre-Terminated Cassettes come fully loaded with connector bezels and preterminated with MPO connection(s) at the rear of the cassette. In combination with the bezels and the 1 inch pull-out feature, the cassette provides easy connection access. Cassettes can also be easily inserted or removed from the patch panels for enhanced maintenance capabilities. The cassette's rear assembly and cover are available separately to provide additional installation capability.

FX UHD Pre-Terminated Cassettes come with three MPO connectors at the rear of the cassette and 18 LC duplex connectors (36 fibers) in the front. They are available in multimode (OM3 and OM4 low loss) and single-mode versions. The FX UHD cassettes can easily be inserted or removed without tools from the patch panel housing for simplified moves, adds and changes.

> To determine what specific Belden part number you need, contact your local sales representative.

FiberExpress Patch Cords

BELDEN

FiberExpress patch cord assemblies are of the highest quality available. They are assembled and 100 percent optically tested in the factory prior to shipment. All patch cords are built with quality connectors and cables which guarantee performance and reliability.

FIBEREXPRESS PATCH CORDS
With LC-LC duplex.

Anixter No.	Vendor No.	Description
332951	AX200517	OM1, 62.5 μm multimode, 2 m (6 ft.)
323328	AX200518	OM1, 62.5 μm multimode, 3 m (10 ft.)
332955	AX200519	OM1, 62.5 μm multimode, 5 m (16 ft.)
288901	AX200527	OM2, 50 μm multimode, 2 m (6 ft.)
288902	AX200528	OM2, 50 μm multimode, 3 m (10 ft.)
288903	AX200529	OM2, 50 μm multimode, 5 m (16 ft.)
270409	AX200664	OM3, 50 μm multimode, 2 m (6 ft.)
270415	AX200665	OM3, 50 μm multimode, 3 m (10 ft.)
332956	AX200666	OM3, 50 μm multimode, 5 m (16 ft.)
332952	AX200507	OS2, single-mode enhanced 2 m (6 ft.)
323330	AX200508	OS2, single-mode enhanced 3 m (10 ft.)
313569	AX200509	OS2, single-mode enhanced 5 m (16 ft.)

HYBRID PATCH CORDS

Anixter No.	Vendor No.	Description
323327	AX200699	LC-ST duplex, OM1, 62.5 μm multimode, 3 m (10 ft.)
288904	AX200580	LC-SC duplex, OM1, 62.5 μm multimode, 3 m (10 ft.)
323326	AX200695	LC-ST duplex, OM2, 50 μm multimode, 3 m (10 ft.)
288897	AX200581	LC-SC duplex, OM2, 50 μm multimode, 3 m (10 ft.)
354707	AX200809	LC-ST duplex, OM3, 50 μm multimode, 3 m (10 ft.)
282568	AX200668	LC-SC duplex, OM3, 50 μm multimode, 3 m (10 ft.)
323329	AX200698	LC-ST duplex, OS2, single-mode enhanced, 3 m (10 ft.)
282567	AX200667	LC-SC duplex, OS2, single-mode enhanced, 3 m (10 ft.)

SINGLE-ENDED (PIGTAILS)
With LC-open and 2 m (6 ft.).

Anixter No.	Vendor No.	Description
332958	AX200657	OM1, 62.5 μm multimode
332960	AX200658	OM2, 50 μm multimode
270408	AX200660	OM3, 50 μm multimode
319525	AX200659	OS2, single-mode enhanced

Note: This represents a small portion of the FiberExpress Pre-Connectorized Assemblies. Also available are: ST, SC duplex and simplex, hybrid patch cords and single-ended pigtails of various lengths.

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Cables

Fiber Solutions

Premises Distribution Cable - Indoor Plenum

BERK-TEK

The enhanced plenum-rated, tight-buffered cables are intended for all high-speed data applications and support the latest in Gigabit communications protocols, including 1 to 10 Gigabit Ethernet. These cables include multimode 50/125 or 62.5/125 micron fiber, or single-mode for superior performance and extended distances.

Designed for installation in plenum, riser and horizontal structured cabling applications, these cables are available with optional interlock armor.

NOTE: Product options available in multimode, GIGAlite 62.5 or 50 micron GIGAlite-10, GIGAlite-10XB and single-mode.

FEATURES

- Flexible, small diameter, 900 μm, tight-buffered construction
- Available in 50/125 or 62.5/125 μm multimode and single-mode fibers
- 6 to 144 fiber, hybrid design options available

Technical Information & Standards

UL OFNP/FT6
ISO/IEC 11801
Telcordia GR-409
ANSI/ICEA S-83-596
ANSI/TIA-568-C
IEEE 802.3

STANDARD 62.5/125 MICRON (OM1) MULTIMODE

Maximum attenuation: 3.5/1.0 dB/km at 850/1300 nm; minimum bandwidth: 200/500 MHz•km at 850/1300 nm; Gigabit Ethernet distance: 300 m/600 m at 850/1300 nm.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	Cable O.D. (mm)	Max. Tensile Load Installation (lb.)	Max. Tensile Load Installation N	Max. Tensile Load Long Term (lb.)	Max. Tensile Load Long Term N	Min. Bend Radius Installation (in.)	Min. Bend Radius Installation (cm)	Min. Bend Radius Long Term (in.)	Min. Bend Radius Long Term (cm)
370-701-BTDST-06	PDP006CB3510/25	6	0.18	4.6	300	1335	90	400	2.7	6.9	1.8	4.6
370-701-BTDST-12	PDP012CB3510/25	12	0.21	5.3	300	1335	90	400	3.2	8.0	2.1	5.3
370-BKT62.5-TBD-24	PDP024CB3510/25	24	0.285	7.2	300	1335	90	400	4.3	10.9	2.9	7.2

GIGALITE 50/125 MICRON (OM2+) MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 950/500 MHz•km at 850/1300 nm; Gigabit Ethernet distance: 750 m/600 m at 850/1300 nm; NOTE: 10 Gbps to 150 m.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	Cable O.D. (mm)	Max. Tensile Load Installation (lb.)	Max. Tensile Load Installation N	Max. Tensile Load Long Term (lb.)	Max. Tensile Load Long Term N	Min. Bend Radius Installation (in.)	Min. Bend Radius Installation (cm)	Min. Bend Radius Long Term (in.)	Min. Bend Radius Long Term (cm)
370-500-GIGDST-06	PDP006LB3010/75	6	0.18	4.6	300	1335	90	400	2.7	6.9	1.8	4.6
370-500-GIGDST-12	PDP012LB3010/75	12	0.21	5.3	300	1335	90	400	3.2	8.0	2.1	5.3
370-BKT150-TBD-24	PDP024LB3010/75	24	0.285	7.2	300	1335	90	400	4.3	10.9	2.9	7.2

GIGALITE-10 50/125 MICRON (OM3) MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 2000/500 MHz•km at 850/1300 nm; Gigabit Ethernet distance: 1,000 m/600 m at 850/1300 nm; 10 Gigabit distance: 300 m/300 m at 850/1300 nm.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	Cable O.D. (mm)	Max. Tensile Load Installation (lb.)	Max. Tensile Load Installation N	Max. Tensile Load Long Term (lb.)	Max. Tensile Load Long Term N	Min. Bend Radius Installation (in.)	Min. Bend Radius Installation (cm)	Min. Bend Radius Long Term (in.)	Min. Bend Radius Long Term (cm)
370-510-GIGDST-06	PDP006EB3010/25	6	0.18	4.6	300	1335	90	400	2.7	6.9	1.8	4.6
370-510-GIGDST-12	PDP012EB3010/25	12	0.21	5.3	300	1335	90	400	3.2	8.0	2.1	5.3
370-510-GIGDST-24	PDP12B024EB3010/25	24	0.454 x 0.252	11.5 x 6.4	300	1335	90	400	7.6	19.2	5.0	12.8

GIGALITE-10FB 50/125 MICRON (OM4) MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 4700/500 MHz•km at 850/1300 nm;
Gigabit Ethernet distance: 1,040 m/600 m at 850/1300 nm; 10 Gigabit distance: 550 m/300 m at 850/1300 nm.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-BKTOM4-TBD-06	PDP006FB3010/F5	6	0.18	4.6	300	1335	90	400	2.7	6.9	1.8	4.6
370-BKTOM4-TBD-12	PDP012FB3010/F5	12	0.21	5.3	300	1335	90	400	3.2	8.0	2.1	5.3
370-BKTOM4-TBD-24	PDP12B024FB3010/F5	24	0.454 x 0.252	11.5 x 6.4	300	1335	90	400	7.6	19.2	5.0	12.8

GIGALITE-10FB 50/125 MICRON (OM4+) MULTIMODE

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-510-GIGDST-12	PDP012EB3010/25	12	0.21	5.3	300	1335	90	400	3.2	8.0	2.1	5.3

Fibers supplied by Berk-Tek have their bandwidth measured by both Differential Mode Delay (DMD) and EMBc.

Premise Distribution Cable - Indoor/Outdoor Riser

BERK-TEK

This special premise distribution riser (PDR) is intended for all high-speed data applications, and supports the latest in Gigabit communications, including 40 to 100 Gigabit Ethernet. These cables include 50/125 or 62.5/125 micron fiber for superior performance and extended distances.

The indoor/outdoor PDR cables are designed for installation in riser and horizontal structured cabling applications as well as for intra or interbuilding backbone links. Indoor/outdoor PDR cables are intended for installation in conduits below the frost line. For added protection, these cables are available in interlock armor versions.

NOTE: Product options available in multimode, GIGAlite 62.5 or 50 micron, GIGAlite-10, GIGAlite-10XB and single-mode.

FEATURES

- Flexible, small-diameter, 900 μm, tight-buffered construction
- Does not require mode conditioning patch cord for Gigabit Ethernet applications
- Available in 50/125 and 62.5/125 μm GIGAlite multimode and single-mode fibers
- 6 to 144 fiber, hybrid design options available
- Black jacket
- Water-blocked
- UV stable
- Fungus resistant

Technical Information & Standards

ISO/IEC 11801
Telecordia GR-409
ANSI/ICEA S-83-696
OFNR/FT4

STANDARD 62.5/125 MICRON (OM1) MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 4700/500 MHz•km at 850/1300 nm;
Gigabit Ethernet distance: 1,040 m/600 m at 850/1300 nm; 10 Gigabit distance: 550 m/300 m at 850/1300 nm.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-BK62-TB-06-C4D4	PDR006CB3510/25-I/O	6	0.224	5.7	300	1335	90	400	3.4	8.5	2.2	5.7
373-BKTOM1-TBR-12	PDR012CB3510/25-I/O	12	0.246	6.2	300	1335	90	400	3.7	9.4	2.5	6.2

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Cables

Fiber Solutions

(continued)   Premise Distribution Cable - Indoor/Outdoor Riser

GIGALITE 50/125 MICRON (OM2+) MULTIMODE
Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 950/500 MHz•km at 850/1300 nm;
Gigabit Ethernet distance: 750 m/600 m at 850/1300 nm; NOTE: 10 Gbps to 150 m.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-BK50-TB-06-C4D4	PDR006LB3010/75-I/0	6	0.224	5.7	300	1335	90	400	3.4	8.5	2.2	5.7
371-BK50-TB-12-C4D4	PDR012LB3010/75-I/0	12	0.246	6.2	300	1335	90	400	3.7	9.4	2.5	6.2

GIGALITE-10 50/125 MICRON (OM3) MULTIMODE
Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 2000/500 MHz•km at 850/1300 nm;
Gigabit Ethernet distance: 1,000 m/600 m at 850/1300 nm; 10 Gigabit distance: 300 m/300 m at 850/1300 nm.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-BK150-TB-06-C4D4	PDR006EB3010/25-I/0	6	0.224	5.7	300	1335	90	400	3.4	8.5	2.2	5.7
371-BK150-TB-12-C4D4	PDR012EB3010/25-I/0	12	0.246	6.2	300	1335	90	400	3.7	9.4	2.5	6.2

GIGALITE-10FB 50/125 MICRON (OM4) MULTIMODE
Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 4700/500 MHz•km at 850/1300 nm;
Gigabit Ethernet distance: 1,040 m/60 m.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-BKTOM4-TBD-06	PDR006FB3010/F5-I/0	6	0.224	5.7	300	1335	90	400	3.4	8.5	2.2	5.7

GIGALITE-10FB 50/125 MICRON (OM4+) MULTIMODE

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-511-GIGXTGHT-12	PDR012XB3010/X5	12			150	660	45	198	3.7	9.4	2.5	6.2

Armor-Tek Premises Distribution Cable with Interlock Armor - Indoor Plenum

BERK-TEK

Berk-Tek's Armor-Tek premises distribution interlock armor fiber cables consist of a tight-buffered fiber cable with aluminum or steel spirally-wrapped armor encasing it. The cable is then covered with a plenum- or riser-rated jacket to prevent snags during installation. Armor-Tek cables containing up to 144-fiber count are available. Armored designs are also available for riser-rated, tight-buffered cables as well as loose-tube indoor/outdoor cables.

NOTE: Product options available in multimode, GIGAlite 62.5 or 50 micron, GIGAlite-10, GIGAlite-10XB and single-mode.

FEATURES
- Jacketed armor that remains flexible due to the spiral-wrap armoring process
- The armored design allows for an easy one-pull installation into any environment
- Aluminum or steel interlock armor is available
- Aluminum interlock offers 10 to 13 times the crush resistance of a standard fiber cable
- Steel interlock offers 12 to 19 times the crush resistance of a standard fiber cable
- Compact outside diameters when compared to plenum innerduct or conduit
- Available in tight-buffered or loose-tube with multimode, 62.5 or 50 micron GIGAlite, GIGAlite-10 and GIGALite-10XB, and single-mode fiber and hybrid constructions
- Eliminate the need for conduit or plenum innerduct by installing the interlock armor cable, providing a significant cost savings in both materials and labor
- Extremely durable cables for hazardous environments or difficult cable installations
- Installation time can be reduced by as much as 80 percent versus installing conduit or innerduct
- Armor-Tek fiber cables accommodate last minute relocations or pathway changed whereas innerduct or conduit is not a flexible alternative

- Armor-Tek fiber cables are not governed by fill ratios becaue they are UL Listed as cable assemblies, allowing a higher concentration of cables in an area than conduit
- Can be installed in campus environments due to the durability and indoor-outdoor rating of the cable
- Provides additional protection and security for your fiber backbone due to the ruggedness of the armoring materials

Technical Information & Standards

International: ISO/IEC 11801
North American: ANSI/TIA-568-B.3
ANSI/ICEA S-83-596
Telcordia GR-409
Flame rating: All of Berk-Tek's plenum Armor-Tek fiber cables are rated OFCP for plenum

APPLICATIONS

Armor-Tek fiber cables can be used in any of the following installation environments: indoor, indoor/outdoor, in backbones, between closets, fiber-to-the-desk, if a pathway is beyond its fill ratio, areas where extra physical protection is needed for difficult runs, where network security is a concern, in a fast-track installation, between buildings, direct-buried in trays or direct-buried in plowing. Refer to cable core environmental restrictions for applicable environments.

STANDARD 62.5/125 MICRON (OM1) MULTIMODE

Maximum attenuation: 3.5/1.0 dB/km at 850/1300 nm; minimum bandwidth: 200/500 MHz•km at 850/1300 nm;
1 Gigabit Ethernet distance: 300 m/600 m at 850/1300 nm.

| | | | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-701-ARMOR-06	PDPK006CB3510/25	6	0.495	12.6	300	1335	90	400	7.4	18.9	5.0	12.6
370-701-ARMOR-12	PDPK012CB3510/25	12	0.523	13.3	300	1335	90	400	5.2	13.3	7.8	19.9
370-BKT62.5-TBA-24	PDPK024CB3510/25	24	0.584	14.8	300	1335	90	400	8.8	22.3	5.8	14.8

GIGALITE 50/125 MICRON (OM2+) MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 950/500 MHz•km at 850/1300 nm;
1 Gigabit Ethernet distance: 750 m/600 m at 850/1300 nm; Note: 10 Gbps to 150 m.

| | | | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-BKT50-TBA-06	PDPK006LB3010/75	6	0.495	12.6	300	1335	90	400	7.4	18.9	5.0	12.6
370-BKT50-TBA-12	PDPK012LB3010/75	12	0.523	13.3	300	1335	90	400	7.8	19.9	5.2	13.3
370-BKT50-TBA-24	PDPK024LB3010/75	24	0.584	14.8	300	1335	90	400	8.8	22.3	5.8	14.8

GIGALITE-10 50/125 MICRON (OM3) MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 2000/500 MHz•km at 850/1300 nm;
10 Gigabit Ethernet distance: 300/300 m at 850/1300 nm.

| | | | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-BKT300-TBA-06	PDPK006EB3010/25	6	0.495	12.6	300	1335	90	400	7.4	18.9	5.0	12.6
370-BKT300-TBA-12	PDPK012EB3010/25	12	0.523	13.3	300	1335	90	400	7.8	19.9	5.2	13.3
370-BKT300-TBA-24	PDPK024EB3010/25	24	0.584	14.8	300	1335	90	400	8.8	22.3	5.8	14.8

GIGALITE-10FB 50/125 MICRON (OM4) MULTIMODE

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 4700/500 MHz•km at 850/1300 nm;
10 Gigabit Ethernet distance: 550/300 m at 850/1300 nm.

| | | | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-BKTOM4-TBA-06	PDPK024FB3010/F5	6	0.495	12.6	300	1335	90	400	7.4	18.9	5.0	12.6
370-BKTOM4-TBA-12	PDPK024FB3010/F5	12	0.523	13.3	300	1335	90	400	7.8	19.9	5.2	13.3
370-BKTOM4-TBA-24	PDPK024FB3010/F5	24	0.584	14.8	300	1335	90	400	8.8	22.3	5.8	14.8

Interlocking armor cables can save up to 30 percent in total installed cost over plenum innerduct. Also available in single-mode, hybrids and GIGALite-10XB.

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Fiber Solutions

Adventum Loose-tube Cable - Indoor/Outdoor Plenum and Riser

BERK-TEK

Adventum loose-tube cables are designed to be used in virtually any cable plant and are able to support the latest Gigabit communications protocols, including 1 to 100 Gigabit Ethernet. The Adventum design offers the installer the ability to place cables anywhere in the network, bypassing the traditional transition points required in most installations. This cable has one of the smallest diameters available, making installation easy and taking up a minimum amount of duct space. Adventum cables include GIGAlite 50/125 and 62.5/125 micron fiber for superior performance. This unique cable design (U.S. Patent No. 6,178,278) is capable of withstanding the rigors of the outside plant environment, can be rated for plenum installations and uses no gel fillings. For added protection, these cables are also available in interlock armor versions.

NOTE: Product options available in standard, GIGAlite 62.5 and 50 micron, GIGAlite-10, GIGAlite-10XB and single-mode.

FEATURES

- Compact, all-dielectric, patented DryGel totally dry water-blocked design
- High tensile strength, superior crush resistance and small diameter
- Can be installed in outside plant riser or plenum environment in compliance with ANSI/TIA-758
- Does not require mode conditioning patch cords for Gigabit Ethernet applications
- Available with multimode, single-mode and GIGAlite fibers
- Six to 432 fibers, hybrid design options available

Technical Information & Standards

ISO/IEC 11801
ANSI/ICEA S-87-640
ANSI/ICEA S-104-696
ANSI/TIA-568-C
IEEE 802.3

STANDARD 62.5/125 MICRON (OM1) PLENUM

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 950/500 MHz•km at 850/1300 nm;
Gigabit Ethernet distance: 750 m/600 m at 850/1300 nm; NOTE: 10 Gbps to 150 m.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-701-BTDRY-06	LTP006CB3510/25	6	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
370-701-BTDRY-12	LTP012CB3510/25	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
370-701-BTDRY-24	LTP12B024CB3510/25	24	0.37	9.4	600	2670	200	890	5.6	14.1	3.7	9.4

GIGALITE 50/125 MICRON (OM2+) PLENUM

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 950/500 MHz•km at 850/1300 nm;
Gigabit Ethernet distance: 750 m/600 m at 850/1300 nm; NOTE: 10 Gbps to 150 m.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-500-GIGDRY-06	LTP006LB3010/75	6	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
370-500-GIGDRY-12	LTP012LB3010/75	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
370-500-GIGDRY-24	LTP12B024LB3010/75	24	0.37	9.4	600	2670	200	890	5.6	14.1	3.7	9.4

GIGALITE-10 50/125 MICRON (OM3) PLENUM

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 2000/500 MHz•km at 850/1300 nm;
Gigabit Ethernet distance: 1,000 m/600 m at 850/1300 nm; 10 Gigabit distance: 300 m/300 m at 850/1300 nm.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-510-GIGDRY-06	LTP006EB3010/25	6	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
370-510-GIGDRY-12	LTP012EB3010/25	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
370-510-GIGDRY-24	LTP12B024EB3010/25	24	0.37	9.4	600	2670	200	890	5.6	14.1	3.7	9.4

GIGALITE 50/125 MICRON (OM2+) RISER

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 950/500 MHz•km at 850/1300 nm;
Gigabit Ethernet distance: 750 m/600 m at 850/1300 nm; NOTE: 10 Gbps to 150 m.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-501-GIGDRY-06	LTR006LB3010/75	6	0.26	6.5	300	1335	90	400	3.8	9.7	2.6	6.5
370-501-GIGDRY-12	LTR012LB3010/75	12	0.26	6.5	300	1335	90	400	3.8	9.7	2.6	6.5
370-501-GIGDRY-24	LTR12B024LB3010/75	24	0.39	10.1	600	2670	200	890	5.9	15.1	4.0	10.1

GIGALITE-10 50/125 MICRON (OM3) RISER

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 2000/500 MHz•km at 850/1300 nm;
Gigabit Ethernet distance: 1,000 m/600 m at 850/1300 nm; 10 Gigabit distance: 300 m/300 m at 850/1300 nm.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-511-GIGDRY-06	LTR006EB3010/25	6	0.25	6.5	300	1335	90	400	3.8	9.7	2.6	6.5
370-511-GIGDRY-12	LTR012EB3010/25	12	0.25	6.5	300	1335	90	400	3.8	9.7	2.6	6.5
370-511-GIGDRY-24	LTR12B024EB3010/25	24	0.39	10.1	600	2670	200	890	5.9	15.1	4.0	10.1

GIGALITE-10FB 50/125 MICRON (OM4) RISER

Maximum attenuation: 3.0/1.0 dB/km at 850/1300 nm; minimum bandwidth: 4700/500 MHz•km at 850/1300 nm;
Gigabit Ethernet distance: 1,040 m/600 m at 850/1300 nm; 10 Gigabit distance: 550 m/300 m at 850/1300 nm.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-BKTOM4-LTR-06	LTR006FB3010/F5	6	0.25	6.5	300	1335	90	400	3.8	9.7	2.6	6.5
373-BKTOM4-LTR-12	LTR012FB3010/F5	12	0.25	6.5	300	1335	90	400	3.8	9.7	2.6	6.5
373-BKTOM4-LTR-24	LTR12B024FB3010/F5	24	0.39	10.1	600	2670	200	890	5.9	15.1	4.0	10.1

GIGALITE-10FB 50/125 MICRON (OM4+) PLENUM

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-511-GIGXDRY-12	LTP012-XB3010/X5	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6

Fibers supplied by Berk-Tek have their bandwidth measured by both Differential Mode Delay (DMD) and EMBc.

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Cables

Outdoor Loose-tube Fiber

BERK-TEK

Enhanced loose-tube cables with single-mode or multimode high-performance optical fibers. Fully water-blocked with gel-filled buffer tubes, these cables are designed for installation in outdoor environments such as direct burial (armored versions only), aerial lashing, conduit and pathways that are subject to wide temperature variations. For added protection against rodents, these cables are available in steel tape armor versions.

NOTE: Product options available in multimode, GIGAlite 62.5 or 50 micron, GIGAlite-10, GIGAlite-10XB and single-mode fiber and with dry tubes.

FEATURES

- Construction: Gel-filled tubes containing up to 12 250 μm, individually colored fibers, dry cable core for easy entry
- Outer jacket: UV-resistant polyethylene
- No mode conditioning patch cord required for Gigabit Ethernet applications
- Up to 288 fibers; hybrid design options available

Technical Information & Standards

Standard 62.5/125 micron multimode fiber (also available in single-mode and 50 micron fibers)
Maximum attenuation: 3.5/1.0 dB/km at 850/1300 nm
Minimum bandwidth: 200/500 MHz•km at 850/1300 nm
Gigabit Ethernet guaranteed distances: 300/600 m at 850/1300 nm
ISO/IEC 11801
Telecordia GR-20
ANSI/ICEA S-87-640
ANSI/TIA-568-C
IEEE 802.3

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-701-BTOUT-06	OPD006CB3510/25	6	0.40	10.2	600	2670	180	800	6.0	15.2	4.0	10.2
370-701-BTOUT-12	OPD012CB3510/25	12	0.40	10.2	600	2670	180	800	6.0	15.2	4.0	10.2

POE REMOTE CONVERTER

Anixter No.	Vendor No.	Description
501649	81000174	1-port PoE remote converter, 10/100 Mb/s, LC duplex, multimode, RJ45, M8 power input
501651	81000218	1-port PoE+ remote converter, 10/100 Mb/s, LC duplex, multimode, RJ45, M8 power input
501350	81000176	4-port PoE remote converter, 10/100 Mb/s, MTP (m), 62.5/125 μm multimode, RJ45
501653	81000176	4-port PoE+ remote converter, 10/100 Mb/s, MTP, 62.5/125 μm multimode, RJ45

> You will need OneReach cable assemblies to complete this solution. Please contact your local sales representative for more information.

OneReach PoE Extender System

BERK-TEK

OneReach is a single system that combines optical fiber and copper conductors for long-distance data and power transmission, to take PoE to 3,850 feet and PoE+ to 2,500 feet and beyond.

Pre-terminated and factory-tested products arrive ready to install.

Anixter No.	Vendor No.	Description
501539	81000170	1-port PoE media module with external AC power supply
501540	81000217	1-port PoE+ media module with external AC power supply
501542	81000166	2U power injector chassis, six available slots
501543	81000167	4U power injector chassis, 12 available slots
501544	81000168	PoE power supply module initial, 300 W, AC input
501545	81000169	16-port PoE power supply module additional, 300 W, AC input
501546	81000215	14-port PoE+ power supply module additional, dual voltage, 12 and 54 V DC 300 W, AC input
501346	81000173	4-port media module, 10/100 Mb/s, MTP 62.5/125 μm multimode, RJ45
501548	81000172	4-port media module, 10/100 Mb/s, rear LC duplex, 62.5/125 μm MM
501547	81000190	Blanking panel

Fiber Solutions

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4.125

Patch Cords

2-fiber, 62.5/125 OM1, Riser-rated

COMPULINK

Premium performance, exceeds ANSI/TIA-568 specifications with maximum insertion loss of less than 0.5 dB.

LC TO LC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246811	LCCLCCD1	3.3	1
246812	LCCLCCD2	6.6	2
246813	LCCLCCD3	10.0	3
275067	LCCLCCD4	13.1	4
246814	LCCLCCD5	16.4	5
275070	LCCLCCD6	19.7	6
266847	LCCLCCD7	23.0	7
275071	LCCLCCD8	26.2	8
246815	LCCLCCD10	32.8	10
275072	LCCLCCD12	39.4	12
275073	LCCLCCD15	49.2	15
275074	LCCLCCD18	59.1	18
305923	LCCLCCD20	65.6	20

LC TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246816	LCCSCCD1	3.3	1
246817	LCCSCCD2	6.6	2
246818	LCCSCCD3	10.0	3
275075	LCCSCCD4	13.1	4
246819	LCCSCCD5	16.4	5
275076	LCCSCCD6	19.7	6
267757	LCCSCCD7	23.0	7
255831	LCCSCCD8	26.2	8
276627	LCCSCCD9	29.7	9
246820	LCCSCCD10	32.8	10
275077	LCCSCCD12	39.4	12
256200	LCCSCCD15	49.2	15
275081	LCCSCCD18	59.1	18

LC TO ST CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
264444	LCCSTCD1	3.3	1
264445	LCCSTCD2	6.6	2
264446	LCCSTCD3	10.0	3
264447	LCCSTCD5	16.4	5
266860	LCCSTCD7	23.0	7
264448	LCCSTCD10	32.8	10

SC TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
152001	SCCSCCD1	3.3	1
152002	SCCSCCD2	6.6	2
152003	SCCSCCD3	10.0	3
199432	SCCSCCD4	13.1	4
152004	SCCSCCD5	16.4	5
199433	SCCSCCD6	19.7	6
266850	SCCSCCD7	23.0	7
199434	SCCSCCD8	26.2	8
152005	SCCSCCD10	32.8	10
199435	SCCSCCD12	39.4	12
199436	SCCSCCD15	49.2	15
199437	SCCSCCD18	59.1	18

ST TO ST CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
129350	STCSTCD1	3.3	1
139055	STCSTCD2	6.6	2
129351	STCSTCD3	10.0	3
173135	STCSTCD4	13.1	4
129352	STCSTCD5	16.4	5
199444	STCSTCD6	19.7	6
266843	STCSTCD7	23.0	7
199445	STCSTCD8	26.2	8
129353	STCSTCD10	32.8	10
173131	STCSTCD12	39.4	12
129354	STCSTCD15	49.2	15
147378	STCSTCD18	59.1	18

ST TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
152011	STCSCCD1	3.3	1
152012	STCSCCD2	6.6	2
152013	STCSCCD3	10.0	3
199438	STCSCCD4	13.1	4
152014	STCSCCD5	16.4	5
199439	STCSCCD6	19.7	6
266844	STCSCCD7	23.0	7
199440	STCSCCD8	26.2	8
152015	STCSCCD10	32.8	10
199441	STCSCCD12	39.4	12
199442	STCSCCD15	49.2	15
199443	STCSCCD18	59.1	18

For information on fiber trunks contact your local sales office.

2-fiber, 62.5/125 OM1, Riser-rated

COMPULINK

Standard performance, meets ANSI/TIA-568 specifications with maximum insertion loss of less than 0.75 dB.

ST TO ST CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
207046	STPSTPD1	3.3	1
207047	STPSTPD2	6.6	2
207049	STPSTPD3	10.0	3
207050	STPSTPD5	16.4	5
208692	STPSTPD6	19.7	6
208693	STPSTPD8	26.2	8
207051	STPSTPD10	32.8	10
207904	STPSTPD15	49.2	15
209341	STPSTPD18	59.1	18

SC TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
207052	SCPSCPD1	3.3	1
207053	SCPSCPD2	6.6	2
207054	SCPSCPD3	10.0	3
208694	SCPSCPD4	13.1	4
207055	SCPSCPD5	16.4	5
208695	SCPSCPD6	19.7	6
208696	SCPSCPD8	26.2	8
207056	SCPSCPD10	32.8	10
208697	SCPSCPD12	39.4	12
208698	SCPSCPD15	49.2	15
208699	SCPSCPD18	59.1	18

ST TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
207057	STPSCPD1	3.3	1
207058	STPSCPD2	6.6	2
207059	STPSCPD3	10.0	3
208700	STPSCPD4	13.1	4
207060	STPSCPD5	16.4	5
208701	STPSCPD6	19.7	6
208702	STPSCPD8	26.2	8
207061	STPSCPD10	32.8	10
208706	STPSCPD12	39.4	12
208707	STPSCPD15	49.2	15
208708	STPSCPD18	59.1	18

2-fiber, 62.5/125 OM1, Riser-rated

COMPULINK

LC CERAMIC TO MT-RJ COMPOSITE

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246821	LCCMTRJPD1	3.3	1
246822	LCCMTRJPD2	6.6	2
246823	LCCMTRJPD3	10.0	3
246824	LCCMTRJPD5	16.4	5
246825	LCCMTRJPD10	32.8	10

SC CERAMIC TO MT-RJ COMPOSITE

Anixter No.	Vendor No.	Length (ft.)	Length (m)
223739	MTRJPSCCD1	3.3	1
223740	MTRJPSCCD2	6.6	2
223741	MTRJPSCCD3	10.0	3
223742	MTRJPSCCD5	16.4	5
223743	MTRJPSCCD10	32.8	10

ST CERAMIC TO MT-RJ COMPOSITE

Anixter No.	Vendor No.	Length (ft.)	Length (m)
223734	MTRJPSTCD1	3.3	1
223735	MTRJPSTCD2	6.6	2
223736	MTRJPSTCD3	10.0	3
223737	MTRJPSTCD5	16.4	5
266849	MTRJPSTCD7	23.0	7
223738	MTRJPSTCD10	32.8	10

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4.127

Patch Cords

1-fiber, 62.5/125 OM1, Riser-rated

COMPULINK

SC TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
328294	SCCSCCS1	3.3	1
328297	SCCSCCS2	6.6	2
328298	SCCSCCS3	10.0	3
328302	SCCSCCS5	16.4	5
328304	SCCSCCS10	32.8	10

ST TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
153572	STCSCCS1	3.3	1
153571	STCSCCS2	6.6	2
153570	STCSCCS3	10.0	3
153569	STCSCCS5	16.4	5
153568	STCSCCS10	32.8	10

ST TO ST CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
129341	STCSTCS1	3.3	1
129342	STCSTCS3	10.0	3
129344	STCSTCS5	16.4	5
129345	STCSTCS10	32.8	10

2-fiber, 50/125 OM4, Aqua SX550, Plenum-rated

COMPULINK

LC TO LC UNIBOOT CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
461730	LCLCUNIOM4P1	3.3	1
461731	LCLCUNIOM4P2	6.6	2
461732	LCLCUNIOM4P3	10	3
461733	LCLCUNIOM4P5	16.4	5
461734	LCLCUNIOM4P10	32.8	10

LC UNIBOOT TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
461735	LCSCUNIOM4P1	3.3	1
461736	LCSCUNIOM4P2	6.6	2
461737	LCSCUNIOM4P3	10	3
461738	LCSCUNIOM4P5	16.4	5
461740	LCSCUNIOM4P10	32.8	10

For information on fiber trunks contact your local sales office.

2-fiber, 50/125 OM3, Aqua SX300

COMPULINK

LC TO LC CERAMIC RISER RATED

Anixter No.	Vendor No.	Length (ft.)	Length (m)
432270	LCCLCC50+D1	3.3	1
432271	LCCLCC50+D2	6.6	2
432272	LCCLCC50+D3	10.0	3
432273	LCCLCC50+D4	13.1	4
432274	LCCLCC50+D5	16.4	5
452462	LCCLCC50+D6	19.7	6
452469	LCCLCC50+D7	23.0	7
452475	LCCLCC50+D8	26.2	8
432275	LCCLCC50+D10	32.8	10
452477	LCCLCC50+D12	39.4	12
432276	LCCLCC50+D15	49.2	15
452478	LCCLCC50+D18	59.1	18
452498	LCCLCC50+D20	65.6	20

LC TO SC CERAMIC RISER RATED

Anixter No.	Vendor No.	Length (ft.)	Length (m)
432277	LCCSCC50+D1	3.3	1
432278	LCCSCC50+D2	6.6	2
432279	LCCSCC50+D3	10.0	3

Anixter No.	Vendor No.	Length (ft.)	Length (m)
432280	LCCSCC50+D4	13.1	4
432281	LCCSCC50+D5	16.4	5
452519	LCCSCC50+D6	19.7	6
452520	LCCSCC50+D7	23.0	7
452521	LCCSCC50+D8	26.2	8
432282	LCCSCC50+D10	32.8	10
452523	LCCSCC50+D11	36.1	11
452524	LCCSCC50+D12	39.4	12

LC TO LC CERAMIC PLENUM

Anixter No.	Vendor No.	Length (ft.)	Length (m)
432284	LCCLCC50+PD7	23.0	7
432285	LCCLCC50+PD15	49.2	15
432286	LCCLCC50+PD25	82.0	25
432287	LCCLCC50+PD30	98.4	30
432288	LCCLCC50+PD40	131.2	40
432289	LCCLCC50+PD50	164.0	50

LC TO SC CERAMIC PLENUM

Anixter No.	Vendor No.	Length (ft.)	Length (m)
432290	LCCSCC50+PD7	23.0	7
432291	LCCSCC50+PD15	49.2	15
432292	LCCSCC50+PD25	82.0	25
432293	LCCSCC50+PD30	98.4	30

For information on fiber trunks contact your local sales office.

2-fiber, 50/125 OM2, Aqua SX150, Riser-rated

COMPULINK

LC TO LC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246793	LCCLCC50D1	3.3	1
246794	LCCLCC50D2	6.6	2
246795	LCCLCC50D3	10.0	3
275058	LCCLCC50D4	13.1	4
246796	LCCLCC50D5	16.4	5
275059	LCCLCC50D6	19.7	6
305121	LCCLCC50D7	23.0	7

Anixter No.	Vendor No.	Length (ft.)	Length (m)
275060	LCCLCC50D8	26.2	8
246797	LCCLCC50D10	32.8	10
275061	LCCLCC50D12	39.4	12
275062	LCCLCC50D15	49.2	15
275064	LCCLCC50D18	59.1	18
348779	LCCLCC50D20	65.6	20

LC TO ST CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
269222	LCCSTC50D1	3.3	1
269224	LCCSTC50D2	6.6	2
269225	LCCSTC50D3	10.0	3
269227	LCCSTC50D4	13.1	4
269228	LCCSTC50D5	16.4	5
269229	LCCSTC50D6	19.7	6
269230	LCCSTC50D8	26.2	8
269231	LCCSTC50D10	32.8	10
269233	LCCSTC50D11	36.1	11

LC TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246801	LCCSCC50D1	3.3	1
246802	LCCSCC50D2	6.6	2
246803	LCCSCC50D3	10.0	3
269234	LCCSCC50D4	13.1	4
246804	LCCSCC50D5	16.4	5
269235	LCCSCC50D6	19.7	6
328245	LCCSCC50D7	23.0	7
264449	LCCSCC50D8	26.2	8
246805	LCCSCC50D10	32.8	10
269236	LCCSCC50D11	36.1	11
275065	LCCSCC50D12	39.4	12
264450	LCCSCC50D15	49.2	15
275066	LCCSCC50D18	59.1	18

SC TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246841	SCCSCC50D1	3.3	1
246842	SCCSCC50D2	6.6	2
246843	SCCSCC50D3	10.0	3
269241	SCCSCC50D4	13.1	4
246844	SCCSCC50D5	16.4	5
269242	SCCSCC50D6	19.7	6
269243	SCCSCC50D8	26.2	8
246845	SCCSCC50D10	32.8	10
269244	SCCSCC50D11	36.1	11
275082	SCCSCC50D12	39.4	12
275083	SCCSCC50D15	49.2	15
275084	SCCSCC50D18	59.1	18

Patch Cords

(continued)   2-fiber, 50/125 OM2, Aqua SX150, Riser-rated

ST TO SC CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246834	STCSCC50D1	3.3	1
246836	STCSCC50D2	6.6	2
246837	STCSCC50D3	10.0	3
269237	STCSCC50D4	13.1	4
246838	STCSCC50D5	16.4	5
269238	STCSCC50D6	19.7	6
269239	STCSCC50D8	26.2	8
246839	STCSCC50D10	32.8	10
269240	STCSCC50D11	36.1	11

ST TO ST CERAMIC

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246828	STCSTC50D1	3.3	1
246829	STCSTC50D2	6.6	2
246830	STCSTC50D3	10.0	3
246831	STCSTC50D5	16.4	5
246832	STCSTC50D10	32.8	10

> For information on fiber trunks contact your local sales office.

2-fiber, 50/125 OM2, Aqua SX150, Riser-rated

COMPULINK

LC CERAMIC TO MT-RJ COMPOSITE

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246806	LCCMTRJP50D1	3.3	1
246807	LCCMTRJP50D2	6.6	2
246808	LCCMTRJP50D3	10.0	3
246809	LCCMTRJP50D5	16.4	5
246810	LCCMTRJP50D10	32.8	10

SC CERAMIC TO MT-RJ COMPOSITE

Anixter No.	Vendor No.	Length (ft.)	Length (m)
248816	MTRJPSCC50D1	3.3	1
248817	MTRJPSCC50D2	6.6	2
248818	MTRJPSCC50D3	10.0	3
248819	MTRJPSCC50D5	16.4	5
269246	MTRJPSCC50D6	19.7	6
269247	MTRJPSCC50D8	26.2	8
248820	MTRJPSCC50D10	32.8	10

ST CERAMIC TO MT-RJ COMPOSITE

Anixter No.	Vendor No.	Length (ft.)	Length (m)
269249	MTRJPSTC50D1	3.3	1
269251	MTRJPSTC50D3	10.0	3
269254	MTRJPSTC50D5	16.4	5
269257	MTRJPSTC50D10	32.8	10

2-fiber, MT-RJ to MT-RJ Composite, Riser-rated

COMPULINK

62.5/125 OM1

Anixter No.	Vendor No.	Length (ft.)	Length (m)
223744	MTRJPMTRJPD1	3.3	1
223745	MTRJPMTRJPD2	6.6	2
223746	MTRJPMTRJPD3	10.0	3
223747	MTRJPMTRJPD5	16.4	5
223748	MTRJPMTRJPD10	32.8	10

2-fiber OS2 Single-mode Jumper Cords, Ultra-polish, Riser-rated

COMPULINK
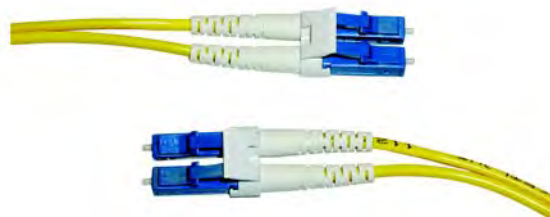
These single-mode jumpers are tested for insertion loss of 0.2 dB average, and a return loss of 55 dB or better. All single-mode assemblies meet the Telcordia GR-326 specification.

LC CERAMIC TO LC CERAMIC DUPLEX (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246866	LCCLCCD1-UPSM	3.3	1
246867	LCCLCCD2-UPSM	6.6	2
246868	LCCLCCD3-UPSM	10.0	3
246869	LCCLCCD5-UPSM	16.4	5
266848	LCCLCCD7-UPSM	23.0	7
246870	LCCLCCD10-UPSM	32.8	10
255835	LCCLCCD15-UPSM	49.2	15

LC CERAMIC TO SC CERAMIC DUPLEX (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
246858	LCCSCCD1-UPSM	3.3	1
246859	LCCSCCD2-UPSM	6.6	2
246863	LCCSCCD3-UPSM	10.0	3
246864	LCCSCCD5-UPSM	16.4	5
267758	LCCSCCD7-UPSM	23.0	7
246865	LCCSCCD10-UPSM	32.8	10

Fiber Solutions

Patch Cords

LC CERAMIC TO ST CERAMIC DUPLEX (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
264451	LCCSTCD1-UPSM	3.3	1
264452	LCCSTCD2-UPSM	6.6	2
264453	LCCSTCD3-UPSM	10.0	3
266861	LCCSTCD5-UPSM	16.4	5
266862	LCCSTCD7-UPSM	23.0	7
266863	LCCSTCD10-UPSM	32.8	10

MT-RJ TO ST CERAMIC DUPLEX (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
266925	MTRJSTC1-UPSM	3.3	1
266926	MTRJSTC3-UPSM	10.0	3
266927	MTRJSTC5-UPSM	16.4	5
266928	MTRJSTC7-UPSM	23.0	7
266929	MTRJSTC10-UPSM	32.8	10

OS2 Single-mode Fiber Jumper Cords, Super-polish, Riser-rated

COMPULINK

These are single-mode fiber jumpers with 40 dB return loss.

1-FIBER ST TYPE TO ST TYPE CERAMIC TIPS (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
151980	STCSTCS1-SPSM	3.3	1
151981	STCSTCS2-SPSM	6.6	2
151982	STCSTCS3-SPSM	10.0	3
151983	STCSTCS5-SPSM	16.4	5
151984	STCSTCS10-SPSM	32.8	10

1-FIBER ST TYPE TO SC CERAMIC TIPS (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
152049	STCSCCS1-SPSM	3.3	1
152050	STCSCCS2-SPSM	6.6	2
152051	STCSCCS3-SPSM	10.0	3
152052	STCSCCS5-SPSM	16.4	5
152053	STCSCCS10-SPSM	32.8	10

1-FIBER SC TYPE TO SC TYPE CERAMIC TIPS (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
151991	SCCSCCS1-SPSM	3.3	1
151992	SCCSCCS2-SPSM	6.6	2
151993	SCCSCCS3-SPSM	10.0	3
151994	SCCSCCS5-SPSM	16.4	5
151995	SCCSCCS10-SPSM	32.8	10

2-FIBER SC TYPE TO SC TYPE CERAMIC TIPS (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
152026	SCCSCCD1-SPSM	3.3	1
152027	SCCSCCD2-SPSM	6.6	2
152028	SCCSCCD3-SPSM	10.0	3
152029	SCCSCCD5-SPSM	16.4	5
266851	SCCSCCD7-SPSM	23.0	7
267427	SCCSCCD8-SPSM	26.2	8
152030	SCCSCCD10-SPSM	32.8	10
267428	SCCSCCD12-SPSM	39.4	12
267430	SCCSCCD15-SPSM	49.2	15
267432	SCCSCCD18-SPSM	59.1	18
267434	SCCSCCD20-SPSM	65.6	20
267433	SCCSCCD30-SPSM	98.4	30

2-FIBER ST TYPE TO SC TYPE CERAMIC TIPS (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
152036	STCSCCD1-SPSM	3.3	1
152037	STCSCCD2-SPSM	6.6	2
152038	STCSCCD3-SPSM	10.0	3
152039	STCSCCD5-SPSM	16.4	5
266846	STCSCCD7-SPSM	23.0	7
152040	STCSCCD10-SPSM	32.8	10

2-FIBER ST TYPE TO ST TYPE CERAMIC TIPS (8.3/125)

Anixter No.	Vendor No.	Length (ft.)	Length (m)
151986	STCSTCD1-SPSM	3.3	1
151987	STCSTCD2-SPSM	6.6	2
151988	STCSTCD3-SPSM	10.0	3
151989	STCSTCD5-SPSM	16.4	5
266845	STCSTCD7-SPSM	23.0	7
151990	STCSTCD10-SPSM	32.8	10

For information on fiber trunks contact your local sales office.

Fiber Solutions

Cables

Fiber Solutions

A-Series Assembly Cables

OPTICAL CABLE CORPORATION

A-Series Assembly Cables are constructed with color-coded, 900 micron, buffered optical fibers surrounded by aramid-strength members and overjacketed with either a riser or plenum UL Rated jacket. Low smoke zero halogen (LSZH) cable constructions are also available. For various optical connector types, micro-assembly cables are also available in smaller diameters such as 1.6 mm and 2.0 mm.

FEATURES

- Compatible with all standard fiber optic connectors
- High-performance tight-buffered coating on each optical fiber for environmental and mechanical protection
- Custom jacket colors are available to match connectors
- Private labeling on the cable outer jacket is also available
- 1 (simplex) and 2 (duplex) fibers available
- Available with bend tolerant single-mode and multimode fibers
- Zero halogen cables ("Z" Jacket) meet the requirements of IEC 60754-2
- "N" Jacket riser-rated cable is flexible for use where it is desirable for cable to hang neatly
- "D" Jacket riser-rated cable provides lower friction and greater stiffness for use in protected interconnect runs

APPLICATIONS

Resilient and flexible for jumpers, patch cords and pigtails
Suitable for general-purpose indoor use, such as routing connections in patching systems
Short "patch cord" cables ideal for links between electronic equipment and main fiber optic cables

62.5/125 MULTIMODE - PLENUM

Maximum attenuation: 3.5/1.5 dB/km (850/1310 nm); minimum laser bandwidth: 220/500 MHz•km (850/1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-119-AXWLS-02	AX002SWLS9OP	2	0.11 x 0.23	2.9 x 5.8	220	1000	110	500	2.0	5.0	1.2	3.0

62.5/125 MULTIMODE - RISER

Maximum attenuation: 3.5/1.5 dB/km (850/1310 nm); minimum laser bandwidth: 220/500 MHz•km (850/1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
					(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-120-AXWLS-02	AX002NWLS9OR	2	0.11 x 0.23	2.9 x 5.8	220	1000	110	500	2.0	5.0	1.2	3.0

Cables are also available in single-mode, 50/125 multimode and other fiber types.

D-Series Distribution Cables

OPTICAL CABLE CORPORATION

D-Series Distribution Cables are constructed with stranded, color-coded, 900 micron, buffered optical fibers surrounded by aramid-strength members and overjacketed with either a riser or plenum UL Rated jacket. Special jackets for harsh environments can be used for the D-Series Distribution Cables as well as other cable configurations including breakout, sub-grouping, messenger, armored, composite, hybrids and LSZH for indoor and outside plant environments.

FEATURES

- High-performance components and construction
- High specific strength-to-weight ratio and compact cable design for limited conduit space and tight bends in long cable pulls
- Helically stranded core for greater flexibility and mechanical protection of the optical fibers
- High-performance tight-buffered coating on each fiber for environmental and mechanical protection
- High crush resistance may eliminate the need for innerduct

ANIXTER

- 900 μm buffer eliminates the need for costly and time-consuming installation of fan-out kits or pigtail splices because connectors terminate directly to the fiber
- UL Listed in accordance with NEC section 770.179(a) for use in ducts, plenums and air-handling spaces
- **Indoor/outdoor ("K" Jacket)**
  - Indoor/outdoor plenum cables eliminate the need for costly cable transitions in different installation environments
  - Cable materials are UV, water and fungus resistant
  - Higher fiber counts available than similar cables available in subcabled configuration
  - Jacket is highly chemical resistant for installation in harsh industrial environments
  - Interlocking armor can be applied to cables as an alternative to conduit installation
  - Can be installed outside and in plenum or riser pathways inside, eliminating the need to transition cable types between environments
  - 2 to 72 fiber configuration is smaller and lighter than comparable sub-grouped cables
  - Ideal for installation in areas with limited space or tight bends
- **Indoor ("S" Jacket)**
  - Indoor-only flexible flame retardant plenum jacketed cables
  - 2 to 12 fibers
  - Interlocking armor can be applied to cables as an alternative to conduit installation

APPLICATIONS

Used in trunking, LAN and distribution applications where small size, lightweight and versatile installation capability are required for ducts, plenum and air handling spaces
Ideal configuration for a single termination point requiring multiple fibers

62.5/125 MULTIMODE - RISER - INDOOR/OUTDOOR - "K" JACKET

Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm); minimum laser bandwidth: 220/500 MHz•km (850/1300 nm)

| | | | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-120-DXWLS-04	DX004DWLS9KR	4	0.20	5.1	310	1400	100	450	3.0	7.7	2.0	5.1
370-120-DXWLS-06	DX006DWLS9KR	6	0.22	5.7	310	1400	100	450	3.4	8.6	2.2	5.7
370-120-DXWLS-12	DX012DWLS9KR	12	0.26	6.5	600	2700	135	600	3.8	9.8	2.6	6.5
370-120-DXWLS-24	DX024DWLS9KR	24	0.354	8.9	670	3000	220	1000	5.3	8.9	3.5	9

62.5/125 MULTIMODE - PLENUM - INDOOR - "S" JACKET

Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm); minimum laser bandwidth: 220/500 MHz•km (850/1300 nm)

| | | | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-119-DXWLS-04	DX004SWLS90P	4	0.18	4.5	270	1200	90	400	2.6	6.75	1.8	4.5
370-119-DXWLS-06	DX006SWLS90P	6	0.19	4.7	310	1400	100	450	2.8	7.1	1.9	4.7
370-119-DXWLS-12	DX012SWLS90P	12	0.24	6.2	400	1800	135	600	3.7	9.3	2.4	6.2

62.5/125 MULTIMODE - PLENUM - INDOOR/OUTDOOR - "K" JACKET

Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm); minimum laser bandwidth: 220/500 MHz•km (850/1300 nm)

| | | | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-119-DXWLS-24	DX024KWLS90P	24	0.31	8.3	670	3000	220	1000	4.6	11.8	4.6	11.8
370-119-DXWLS-48	DX048KWLS90P	48	0.37	9.8	940	4200	310	1400	5.6	14.3	5.6	14.3

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Fiber Solutions

G-Series Sub-grouping Cables

OPTICAL CABLE CORPORATION

G-Series Sub-grouping Cables are constructed with specified combinations of stranded, color-coded, 900 micron, buffered multimode and/or single-mode optical fibers surrounded by aramid-strength members and over-jacketed with either a riser or plenum UL Rated jacket. Special jackets for harsh environments can be used for the G-Series Sub-grouping Cables for indoor and outside plant environments.

FEATURES

- Indoor/outdoor tight-bound tight-buffered design allows cables to be installed in intra-building backbone and inter-building campus locations without costly transitions between cable types
- Design allows sub-cables to be routed to multiple locations such as wiring racks and closets
- High-performance components and flexible, rugged, high-strength construction
- Cable materials are indoor/outdoor, UV, water and fungus resistant
- Helically stranded core for greater flexibility and mechanical protection of the optical fibers
- Riser-rated cables offer a core-locked outer jacket that surrounds the sub-cables for excellent crush resistance, survivability and use in long vertical installations
- Sub-grouping cable design permits midspan access
- Multi-fiber color-coded sub-cables, each similar to the D-Series Distribution Cable, are easy to identify for improved cable management during installation
- Interlocking armor can be applied to cables as an alternative to conduit installation
- 900 micron buffer eliminates the need for costly and time-consuming installation of fan-out kits or pigtail splices because connectors terminate directly to the fiber
- May be directly terminated with connectors with physical protection at termination points
- No need to splice outdoor cable to indoor cable at the building entrance
- Available with 6-fiber (4.5 mm) or 12-fiber (5.5 mm) sub-groups
- Best design for multimode and single-mode fiber hybrid cables

MULTIMODE 62.5/125 RISER: 6-FIBER SUB-GROUPS (4.5 MM BUNDLES)

62.5/125 fiber; maximum attenuation: 3.5/1.5 dB/km (850/1310 nm); minimum laser bandwidth: 220/500 MHz•km (850/1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-OCCOM1-FO4.5-12	GB012DWLS9KR	12	0.57	14.6	850	3800	270	1200	8.6	21.9	5.7	14.6
373-OCCOM1-FO4.5-24	GB024DWLS9KR	24	0.57	14.6	1260	5600	400	1800	8.6	21.9	5.7	14.6

MULTIMODE 62.5/125 RISER: 12-FIBER SUB-GROUPS (5.5 MM BUNDLES)

62.5/125 fiber; maximum attenuation: 3.5/1.5 dB/km (850/1310 nm); minimum laser bandwidth: 220/500 MHz•km (850/1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-OCCOM1-FO5.5-24	GX024DWLS9KR	24	0.65	16.6	1030	4600	340	1500	9.8	24.9	6.5	16.6
373-OCCOM1-FO5.5-48	GX048DWLS9KR	48	0.65	16.6	1620	7200	540	2400	9.8	24.9	6.5	16.6

MULTIMODE 62.5/125 PLENUM: 6-FIBER SUB-GROUPS (4.5 MM BUNDLES)

62.5/125 fiber; maximum attenuation: 3.5/1.5 dB/km (850/1310 nm); minimum laser bandwidth: 220/500 MHz•km (850/1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-OCCOM1-FO4.5-12	GB012KWLS9OP	12	0.56	14.1	850	3800	270	1200	8.3	21.2	8.3	21.2
370-OCCOM1-FO4.5-24	GB024KWLS9OP	24	0.56	14.1	1260	5600	400	1800	8.3	21.2	8.3	21.2

MULTIMODE 62.5/125 PLENUM: 12-FIBER SUB-GROUPS (5.5 MM BUNDLES)

62.5/125 fiber; maximum attenuation: 3.5/1.5 dB/km (850/1310 nm); minimum laser bandwidth: 220/500 MHz • km (850/1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-OCCOM1-FO5.5-24	GX024KWLS9OP	24	0.61	15.4	1030	4600	340	1500	9.1	23.2	9.1	23.2
370-OCCOM1-FO5.5-48	GX048KWLS9OP	48	0.61	15.4	1620	7200	540	2400	9.1	23.2	9.1	23.2

B-Series Breakout Cables

OPTICAL CABLE CORPORATION

B-Series Breakout Cables are constructed with stranded, color-coded sub-units that contain 900 micron, buffered optical fibers surrounded and over-jacketed with either a riser or plenum UL Rated jacket. Special jackets for harsh environments can be used for the B-Series Breakout Cables as well as other cable configurations including breakout, sub-grouping, messenger, armored, composite, hybrids and LSZH for indoor and outside plant environments.
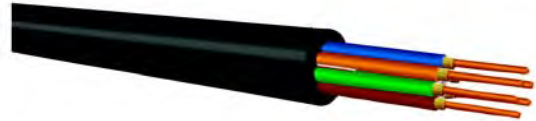
FEATURES

- Ideal for installations requiring an extremely rugged and reliable cable design where maximum mechanical and environmental protection are required
- Easiest cable to install where direct termination of connectors to sub-cables and direct run to panels and equipment is desired
- UL Listed in accordance with NEC sections 770.179(a) for use in ducts, plenums and air-handling spaces
- Sub-cabled fiber is environmentally and mechanically protected
- Wide operating temperature range of -40°C to +85°C
- Cable materials are indoor/outdoor - UV, water and fungus resistant
- Jacket is highly chemical resistant for installation in harsh industrial environments
- Interlocking armor can be applied to cables as an alternative to conduit installation
- High-performance components and construction
- Ideal for use in point-to-point runs in adverse environments
- Direct termination to sub-cable provides additional strain relief for better connector retention during moves, adds and changes
- Interlocking armor can be applied to cables as an alternative to conduit installation
- 900 μm buffer eliminates the need for costly and time-consuming installation of fan-out kits or pigtail splices because connectors terminate directly to the fiber

MULTIMODE 62.5/125 RISER: (WITH 2.5 MM SUB-CABLES)

62.5/125 fiber; maximum attenuation: 3.5/1.5 dB/km (850/1310 nm); minimum laser bandwidth: 220/500 MHz • km (850/1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-OCC625-TB04	BX004DWLS9KR	4	0.32	8.1	450	2000	180	800	4.8	12.2	3.2	8.1
373-OCC625-TB06	BX006DWLS9KR	6	0.38	9.6	670	3000	270	1200	5.7	14.4	3.8	9.6
373-OCC625-TB12	BX012DWLS9KR	12	0.51	13.0	1350	6000	560	2500	7.7	19.5	5.1	13.0
373-OCC625-TB24	BX024DWLS9KR	24	0.69	17.6	2250	10000	850	3800	10.4	26.4	6.9	17.6

MULTIMODE 62.5/125 PLENUM: (WITH 2.0 MM SUB-CABLES)

62.5/125 fiber; maximum attenuation: 3.5/1.5 dB/km (850/1310 nm); minimum laser bandwidth: 220/500 MHz • km (850/1310 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-OCC625-TB04	BX004KWLS9OP	4	0.26	6.3	360	1600	90	400	3.7	9.5	3.7	9.5
370-OCC625-TB06	BX006KWLS9OP	6	0.29	7.4	540	2400	130	600	4.4	11.2	4.4	11.2
370-OCC625-TB12	BX012KWLS9OP	12	0.36	9.2	1080	4800	270	1200	5.5	13.97	5.5	13.9
370-OCC625-TB24	BX024KWLS9OP	24	0.56	14.2	1620	7200	400	1800	8.4	21.3	8.4	21.3

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Preterminated Solutions

Momentum Modular Preterminated System

ORTRONICS

Momentum preterminated fiber cassettes combine state-of-the-art optical ribbon cabling, industry-leading MTP termination, advanced LC polishing and innovative hardware to create a cost-effective solution that provides a simple, quick and high-performing cassette-based fiber optic structured cabling system. Momentum cassettes are available in three density ranges to meet a variety of applications, including standard-density, high-density and ultra-high-density options.

MOMENTUM 2 STANDARD-DENSITY CASSETTES

Effective-mode bandwidth: 4900/500 (MHz•km) at 850/1300 nm

Anixter No.	Vendor No.	Description
352797	M2SCD12-50E	SC duplex 12-fiber, 50/125 LOMMF, 1 MTP, single unit
352799	M2LCQ24-09	LC quad 24-fiber, 1 MTP, single-mode
352800	M2LCD12-09	LC quad 12-fiber, 1 MTP, single-mode
352801	M2SCD12-09	SC duplex 12-fiber, 1 MTP, single-mode
339377	M2LCQ24-50E	LC quad 24-fiber, 50/125 LOMMF, 1 MTP, single unit
339378	M2LCD12-50E	LC duplex 12-fiber, 50/125 LOMMF, 1 MTP, single unit
447772	M2LCQ24-50E3A1	LC quad 24-fiber, 50/125 LOMMF, 1 MTP, single unit

MOMENTUM 4 HIGH-DENSITY CASSETTES

With LC quad 24-fiber, single unit.

Anixter No.	Vendor No.	Description
448025	M4LCQ24-50EA3A1	50-micron LOMMF, 2 MTP9M), premium performance
448026	M4LCQ24-50E	50-micron LOMMF, 2 MTP9M), premium performance
448027	M4LCQ24-09	Single-mode, 2 MTP(M), high performance
448028	M4LCQ24-62	62.5-micron multimode, 2 MTP9M), high performance

MOMENTUM 6 ULTRA-HIGH-DENSITY CASSETTES
With LC quad, 0.3U and 1-MPO(M).

Anixter No.	Vendor No.	Description
448037	M6LCQ12-50E	50 LOMMF, 12-fiber
448043	M6LCQ12-09	Single-mode 12-fiber

High-density cassettes must be used with high-density enclosures.
Ultra-high-density cassettes must be used with ultra-high-density enclosures.

Field-installable Anaerobic Connectors

ORTRONICS

ANAEROBIC ADHESIVE CONNECTORS

Anixter No.	Vendor No.	Description
352777	205KAN9GA-MM	LC, multimode, buffer size 900 μm
352779	205KAN9GA-SM	LC, single-mode, buffer size 900 μm
352783	205KAN9FA-MM	SC, multimode, buffer size 900 μm
352785	205KAN9FA-SM	SC, single-mode, buffer size 900 μm
352787	205KAN9EA-MM	ST, multimode, buffer size 900 μm
352789	205KAN9EA-SM	ST, single-mode, buffer size 900 μm

ANAEROBIC FIELD-INSTALLABLE CONNECTOR TERMINATION KIT

Anixter No.	Vendor No.	Description
352792	85400010	Contains all tools necessary for complete OptiMo LC, ST and SC anaerobic terminations: contractor bag, micro strip tool, scribe tool, jacket strip tool, scissors, cut length templates, polishing pad, polishing pucks, microscope

ANAEROBIC FIELD-INSTALLABLE CONNECTOR MULTIMODE POLISHING KIT

Anixter No.	Vendor No.	Description
352793	85400012	Consumables necessary for complete OptiMo LC, ST and SC terminations: Kim Wipes, dispensing tips, syringe, Type-G polishing paper, Type-F polishing paper (terminates approx. 100 connectors)

ANAEROBIC FIELD-INSTALLABLE CONNECTOR SINGLE-MODE POLISHING KIT

Anixter No.	Vendor No.	Description
352794	85400011	Consumables necessary for complete OptiMo LC, ST and SC terminations: dispensing tips, syringe, Type-G polishing paper, Type-F polishing paper, Type-M polishing paper (terminates approx. 100 connectors)

INDIVIDUAL TOOLS AND ACCESSORY ITEMS (ANAEROBIC)

Anixter No.	Vendor No.	Description
353197	70600021	Adhesive
353198	70600022	Primer
353199	60300179	Package of 250 dry wipes
353200	60300182	Dispensing tips, package of 125
353201	60300183	Syringe, package of 10
353202	60300184	Type-M polishing paper, package of 10 sheets, single-mode only
353203	60300185	Type-F polishing paper, package of 10 sheets
353204	60300186	Type-G polishing paper, package of 20 sheets

FIELD-INSTALLABLE PRE-POLISHED CONNECTORS

Anixter No.	Vendor No.	Description
315562	205KAS9GA-50T	LC, field-installable, 50/125, 900 micron buffer
327219	205KAS9GA-09	LC, field-installable, single-mode, 900 micron buffer
329466	205KAS9GA-62	LC, field-installable, 62.5/125, 900 micron buffer
288343	205KAS9FA-50T	SC, field-installable, 50/125, 900 micron buffer
288341	205KAS9FA-09	SC, field-installable, single-mode, 900 micron buffer
315560	205KAS9FA-62	SC, field-installable, 62.5/125, 900 micron buffer
322727	205KAS9EA-50T	ST, field-installable, 50/125, 900 micron buffer
276848	205KAS9EA-62	ST, field-installable, 62.5/125, 900 micron buffer
375239	205KAS9EA-09	ST, field-installable, single-mode, 900 micron buffer

FIELD-INSTALLABLE PRE-POLISHED LC ACCESSORY CONNECTOR KIT

Anixter No.	Vendor No.	Description
375252	20500267	LC accessory kit for 2.0 mm and 3.0 mm jacketed fiber. Kit includes two connector boots and crimp rings

FIELD-INSTALLABLE PRE-POLISHED SC ACCESSORY CONNECTOR KIT

Anixter No.	Vendor No.	Description
375254	20500237	Optional strain relief boot accessory kit for use in installing SC connectors on 2.4 and 3.0 mm jacketed cables

COMPLETE OPTIMO FIELD-INSTALLABLE PRE-POLISHED CONNECTOR KIT

Anixter No.	Vendor No.	Description
398711	854B00000-1	Complete OptiMo termination kit for installing ST, SC and LC type connectors

PRECISION FIBER OPTIC CLEAVER

Anixter No.	Vendor No.	Description
447586	60300210	Precision fiber optic cleaver

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Connectors and Adapters

Fiber Solutions

Secure Keyed LC Fiber Solution

ORTRONICS

Ortronics Secure Keyed LC Fiber Solutions provide a simple and convenient way to prevent unauthorized connections by blocking access to specific optical ports, whether at a workstation, a telecommunications room or a data center. This is particularly important for government, finance, military and other facilities where multiple networks having different security level-access requirements may be colocated.

The Secure Keyed LC Fiber Solution includes prepolished multimode connectors, Momentum multimode cassettes, fiber adapter panels, LC duplex to SC patch cords, LC pigtails and TracJack workstation modules.

FEATURES

- Up to 12 unique keying options/colors for a wide range of network security systems
- Prepolished and anaerobic field installable LC connectors
- Keyed LC fiber preterminated cassettes with up to four rear panel keyed MTP/MPO connector options
- Keyed workstation adapter modules for TrackJack and Series II style wall plates and surface-mount boxes for complete system design flexibility
- Keyed LC adapters have the option to be keyed in the front only (user's side) or on both sides (user's and technician's) depending on the security requirements
- With Secure Keyed LC Fiber Solutions you can safely and securely colocate multiple networks with varying security access levels as well as provide end-to-end cabling to protect sensitive data
- It is with simple integration when using Wiremold Data-Fense secure raceway products

> For more information on ordering,
> please contact your local sales representative.

TracJack Modules

ORTRONICS

TracJack modules combine the ease and reliability of a front-loading individual jack with preferred 110 termination and offer universal T568A/B wiring.

1-LC 2-FIBERS

Anixter No.	Vendor No.	Description
275633	63700039	Multimode, beige adapter, phosphor-bronze alignment sleeves, 180-degree exit, flush, one unit
352671	63700076	Multimode LOMMF, aqua adapter, ceramic alignment sleeve, 180-degree exit, flush, one unit
278298	63700068	Single-mode, blue adapter, ceramic alignment sleeve, 180-degree exit, flush, one unit
375258	63700050	Multimode, beige adapter, phosphor-bronze alignment sleeves, 45-degree angled exit, two units
375259	63700075	Multimode, aqua adapter, ceramic alignment sleeve, 180-degree exit, flush, one unit
375260	63700080	Multimode, aqua adapter, ceramic alignment sleeve, 45-degree angled exit, two units

SIMPLEX MULTIMODE

Anixter No.	Vendor No.	Description
267513	63700017	1-SC, beige adapter, phosphor-bronze alignment sleeve, 180-degree exit, flush, one unit
352673	63700078	1-SC LOMMF, aqua adapter, ceramic alignment sleeve, 180-degree exit, flush, one unit
352674	63700018	1-SC, blue adapter, ceramic alignment sleeve, 180-degree exit, flush, one unit
268132	63700066	2-SC, beige adapter, phosphor-bronze alignment sleeve, 180-degree exit, flush, one unit
375257	63700081	2-SC, aqua adapter, ceramic alignment sleeve, 180-degree exit, flush, one unit
375262	63700082	1-SC, aqua adapter, ceramic alignment sleeve, 45-degree angled exit, two units

> Also available in (-00) black, (-25) light green, (-42) red, (-43) orange, (-44) yellow, (-45) green, (-68) Wiremold light gray, (-78) Wiremold gray, (-88) Cloud white, (-99) Wiremold ivory.

Fiber Adapter Panels

ORTRONICS

The Ortronics OptiMo OFP Series six-pack adapter panels are used with the popular FC Series and "615" Series modular fiber cabinets, and surface-mount cabinets which offer great flexibility in structured cabling design. Adapter panels are available with LC, SC, ST, FC and MT-RJ adapters and feature options ideal for both single-mode and multimode applications.

Where applicable, the adapters used (LC, SC, ST and FC) contain application-specific alignment sleeves to ensure optimal performance in conjunction with the economic constraints of network design. For multimode applications, phosphor-bronze (metal) alignment sleeves are utilized, while single-mode and laser-optimized 50/125 devices contain ceramic alignment sleeves ensuring dependable transmission in demanding applications.

FEATURES
- Standard adapter panel is front-removable - ideal for simple moves, adds and changes
- Plunger/grommet fastener holds adapter panels securely in place

ADAPTER PANELS - MULTIMODE

Anixter No.	Vendor No.	Description
323646	OFP-LCD12MB	12-fiber panel, six LC duplex multimode, beige adapters, phosphor-bronze alignment sleeves
323647	OFP-LCQ24MB	24-fiber panel, six LC quad multimode, beige adapters, phosphor-bronze alignment sleeves
323641	OFP-STS06NB	6-fiber panel, six ST simplex multimode, beige adapters, phosphor-bronze alignment sleeves
352514	OFP-LCD12LC	12-fiber panel, six LC duplex multimode, aqua adapters, ceramic alignment sleeves
353188	OFP-LCQ24LC	24-fiber panel, six LC quad multimode, aqua adapters, ceramic alignment sleeves
353189	OFP-STD12LC	12-fiber panel, six ST duplex multimode, aqua adapters, ceramic alignment sleeves
353190	OFP-SCD06LC	6-fiber panel, three SC duplex multimode, aqua adapters, ceramic alignment sleeves
353191	OFP-SCD12LC	12-fiber panel, six SC duplex multimode, aqua adapters, ceramic alignment sleeves

Anixter No.	Vendor No.	Description
323642	OFP-STD12MB	12-fiber panel, six ST duplex multimode, beige adapters, phosphor-bronze alignment sleeves
323637	OFP-SCD06MB	6-fiber panel, three SC duplex multimode, beige adapters, phosphor-bronze alignment sleeves
323638	OFP-SCD12MB	12-fiber panel, six SC duplex multimode, beige adapters, phosphor-bronze alignment sleeves
375398	OFP-MPA72MA	6-MPO (72 fibers) multimode, beige, feed-through adapters, Type A
375399	OFP-MPA72LA	6-MPO (72 fibers) multimode, aqua, feed-through adapters, Type A
398714	OFP-MPA96MA	8-MPO (96 fibers) multimode, beige, feed-through adapters, Type A
398715	OFP-MPA96LA	8-MPO (96 fibers) multimode, aqua, feed-through adapters, Type A

ADAPTER PANELS - SINGLE-MODE

Anixter No.	Vendor No.	Description
329306	OFP-LCD12AC	24-fiber panel, six LC quad single-mode, blue adapters, ceramic alignment sleeves
323639	OFP-SCD06AC	6-fiber panel, three SC duplex single-mode, blue adapters, ceramic alignment sleeves
323640	OFP-SCD12AC	12-fiber panel, six SC duplex single-mode, blue adapters, ceramic alignment sleeves
323612	OFP-BLANK	Blank panel, black
375400	OFP-MPA72CA	6-MPO (72 fibers) single-mode, green, feed-through adapters, Type A
398716	OFP-MPA96CA	8-MPO (96 fibers) single-mode, green, feed-through adapters, Type A

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Connectors and Adapters

(continued)   Fiber Adapter Panels

HIGH-DENSITY FIBER ADAPTER PANELS

Anixter No.	Vendor No.	Description
447795	HDFP-MPA72LA	HD, 6-MPO adapter panel, feed-through, multimode, aqua adapters, Type A
447796	HDFP-MPA72CA	HD, 6-MPO adapter panel, feed-through, single-mode, green adapters, Type A
447797	HDFP-MPA72MA	HD, 6-MPO adapter panel, feed-through, multimode, beige adapters, Type A
447803	HDFP-LCQ24LC	HD, 6-LC quad (24 fiber) adapter panel, multimode, aqua adapters, ceramic alignment sleeves
447805	HDFP-LCQ24AC	HD, 6-LC quad (24 fiber) adapter panel, single-mode, blue adapters, ceramic alignment sleeves
447806	HDFP-LCQ24MB	HD, 6-LC quad (24 fiber) adapter panel, multimode, beige adapters, phosphor-bronze alignment sleeves
447807	HDFP-BLANK	HD, blank panel, black

Series II Fiber Modules

ORTRONICS

Front-removable multimode modules.

Anixter No.	Vendor No.	Description
304926	60900324	Two ST phosphor bronze sleeve, 180-degree exit, one unit, multimode
332059	60900329	Two LC (4 fibers) multimode, beige adapters, phosphor-bronze alignment sleeves, 180-degree exit, flush, one unit

Anixter No.	Vendor No.	Description
312728	60900335	Two ST phosphor bronze sleeve, 45-degree exit, two units, multimode
312723	60900343	One duplex SC phosphor bronze sleeve, 180-degree exit, one unit, multimode, beige
173628	60900086	Innie, four ST phosphor bronze sleeve, 55-degree exit, three units, multimode
375440	60900365	Two LC (4 fibers), multimode, aqua adapters, ceramic alignment sleeves, 180-degree exit, flush, one unit
375441	60900366	One LC duplex, multimode, aqua adapters, ceramic alignment sleeves, 45-degree angled exit, two units
375442	60900367	Two LC (4 fibers), multimode, aqua adapters, ceramic alignment sleeves, 45-degree angled exit, two units
375443	60900368	Two SC simplex, multimode, aqua adapters, ceramic alignment sleeves, 180-degree exit, flush, one unit
375444	60900369	Two SC simplex, multimode, aqua adapters, ceramic alignment sleeves, 45-degree angled exit, two units
375445	60900370	One SC duplex, multimode, aqua adapters, ceramic alignment sleeves, 180-degree exit, flush, one unit
375446	60900371	One SC duplex, multimode, aqua adapters, ceramic alignment sleeves, innie, 60-degree angled exit, one and half units

OptiMo Raised-floor Fiber Patch Panels

ORTRONICS

Ortronics' OptiMo raised-floor patch panel allows data center managers and designers to take advantage of underutilized installation space beneath the raised-floor structure, providing greater flexibility in structured cabling design and maximum usage of premium data center floor space.

Specifically designed to be installed in raised-floor enclosures that are part of the cabling pathways, the OptiMo raised-floor patch panels address the special bend radius and depth requirements of fiber optic cabling systems.

FEATURES

- 19 in. wide
- Designed for installation within 2 ft. x 2 ft. under floor box with angled mounting rails
- Removable/reusable labeling cards

RAISED-FLOOR FIBER PATCH PANELS

Anixter No.	Vendor No.	Description
447587	RFPA01U-A	56-60-degree mounting rail angle, 1RU, holds three standard adapter panels (OFP Series) or three Momentum 2 cassettes, ST, SC, FC: 18 fibers, MT-RJ, LC: 36 fibers, high-density ST, SC: 36 fibers, LC quad 72 fibers
447588	RFPA02U-A	56-60-degree mounting rail angle, 2RU, holds six standard adapter panels (OFP Series) or six Momentum 2 cassettes, ST, SC, FC: 36 fibers, MT-RJ, LC: 72 fibers, high-density ST, SC: 72 fibers, LC quad 144 fibers
312758	RFPA01U	45-degree mounting rail angle, 1RU, three 1-unit openings, three Momentum 1-unit cassette capacity
312759	RFPA02U	45-degree mounting rail angle, 2RU, six 1-unit openings, six Momentum 1-unit cassette capacity, three Momentum 2-unit cassette capacity

Anixter No.	Vendor No.	Description
377013	RFP01U	1RU, holds three adapter panels, holds three Momentum cassettes, ST, SC, FC: 18 fibers, MT-RJ, LC: 36 fibers, high-density ST, SC: 36 fibers, LC quad 72 fibers
398712	RFP02U	2RU, holds six adapter panels, holds six Momentum cassettes, ST, SC, FC: 36 fibers, MT-RJ, LC: 72 fibers, high-density ST, SC: 72 fibers, LC quad 144 fibers

HIGH-DENSITY RAISED FLOOR FIBER PATCH PANELS

Anixter No.	Vendor No.	Description
447589	RFPAHD01U	45-degree mounting rail angle, 1RU, holds four high-density adapter panels (HDFP Series) or four Momentum 4 cassettes, LC quad 96 fibers
447590	RFPAHD02U	45-degree mounting rail angle, 2RU, holds eight high-density adapter panels (HDFP Series) or eight Momentum 4 cassettes, LC quad 192 fibers
447591	RFPAHD01U-A	56-60-degree mounting rail angle, 1RU, holds four high-density adapter panels (HDFP Series) or four Momentum 4 cassettes, LC quad 96 fibers
447592	RFPAHD02U-A	56-60-degree mounting rail angle, 2RU, holds eight high-density adapter panels (HDFP Series) or four Momentum 4 cassettes, LC quad 192 fibers
447593	RFPHD01U	1RU, holds four high-density adapter panels (HDFP Series) or four Momentum 4 cassettes, LC quad 96 fibers
447594	RFPHD02U	2RU, holds eight high-density adapter panels (HDFP Series) or eight Momentum 4 cassettes, LC quad 192 fibers

ANGLED STAND-OFF BRACKET KIT

Kit used with raised-floor enclosure with 56-degree to 60-degree mounting rails. These stand-off brackets may be needed to extend the mounting surface of the raised-floor enclosure to accommodate the depth limitations of some 2 ft. x 2 ft. raised-floor enclosures.

Anixter No.	Vendor No.	Description
312760	60400968	Includes left and right bracket

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Hardware

ORMMAC Fiber Enclosures

ORTRONICS

Ortronics' 615 Series surface-mount fiber cabinets secure, protect and organize up to 384 single-mode or multimode optical terminations.

FEATURES
- Adapter panels snap in for easy installation, removal and expansion
- Surface/wall mountable; is ideal for space-limited installations
- Top/bottom cable entry simplifies installations, moves, adds and changes
- Cabinets are empty

Anixter No.	Vendor No.	Description
162099	615SMFC-12P	Add up to two adapter panels
162100	615SMFC-24P	Add up to four adapter panels
176013	615SMFC-48P	Add up to eight adapter panels
208641	615SMFC-96P	Add up to 16 adapter panels

"FC" Series Rack-mount Fiber Cabinets

ORTRONICS

The Ortronics range of rack-mount fiber enclosures offers a comprehensive selection of products ideally suited to both large and small fiber installations. Ortronics' line of fiber cabinets and related hardware works perfectly with Mighty Mo 6 racks.

FEATURES
- Each cabinet offers complete flexibility in terms of cable entry and exit
- Access to terminations from front and rear
- Accommodates for the optical fiber bend radius limitation through enhanced patch cord-management devices and novel internal fiber-management components

RACK-MOUNT PATCH FIBER CABINETS

Anixter No.	Vendor No.	Description
323605	FC01U-P	1U fiber patch cabinet, holds three adapter panels, front locking door, fiber tray slides forward and backward
323609	FC02U-P	2U fiber patch cabinet, holds six adapter panels, front locking door, fiber tray slides forward and backward
323610	FC03U-P	3U fiber patch cabinet, holds nine adapter panels, front locking door, fiber tray slides forward and backward
323611	FC04U-P	4U fiber patch cabinet, holds 12 adapter panels, front locking door, fiber tray slides forward and backward

RACK-MOUNT PATCH AND SPLICE FIBER CABINETS
Holds 12 splice trays with front locking door.

Anixter No.	Vendor No.	Description
329299	FC01U-C	1U, three adapter panels
329300	FC02U-C	2U, six adapter panels
329301	FC03U-C	3U, nine adapter panels
329302	FC04U-C	4U, 12 adapter panels

HIGH-DENSITY RACK-MOUNT FIBER CABINETS
With front locking door and fiber tray (slides forward and backward).

Anixter No.	Vendor No.	Description
447760	FC01U-M	1U, holds four high-density adapter panels or Momentum 4 cassettes, holds two 48-fiber splice trays, LC capacity: 96 fibers
447761	FC02U-M	2U, holds eight high-density adapter panels or Momentum 4 cassettes, holds four 48-fiber splice trays, LC capacity: 192 fibers
447762	FC03U-M	3U, holds twelve high-density adapter panels or Momentum 4 cassettes, holds seven 48-fiber splice trays, LC capacity: 288 fibers
447763	FC04U-M	4U, holds sixteen high-density adapter panels or Momentum 4 cassettes, holds 10 48-fiber splice trays, LC capacity: 384 fibers

ULTRA HIGH-DENSITY RACK-MOUNT FIBER CABINETS

Holds 12 M6 ultra high-density cassettes.

Anixter No.	Vendor No.	Description
447764	UC01U-P	1U, 1 3/4 in. H x 17 in. W x 18 1/4 in. D
447765	UC01U-A	1U, short, 1 3/4 in. H x 17 in. W x 13 1/4 in. D

RACK-MOUNT FIBER CABINET ACCESSORY SPLICE TRAY FOR FUSION SPLICES

Anixter No.	Vendor No.	Description
375264	FST2-F012	Transparent stackable design with hinged cover and Mylar insert
447767	FST3-F048	Fusion splice tray for 48 splices, used with Ortronics part no. 20500337 splice sleeves

SPLICE PROTECTION

Heat shrink sleeves, 40 mm and package of 50.

Anixter No.	Vendor No.	Description
547382	20500043	3.0 mm
447768	20500337	2.5 mm

> Splice-tray capacity exceeds the fiber port capacity of the enclosures

Fib-or-Cop II Multimedia Outlet

ORTRONICS

The Fib-or-Cop II Multimedia Outlet provides greater capacity addressing the need for fiber in the horizontal-cabling system. It has the ability to mount six TracJacks or three Series II modules from the face, with a choice of fiber (ST, SC, MT-RJ or LC) and/or copper (TracJack) exiting from the bottom. The design allows the cover to be removed without disrupting the copper connections. The wide variety of connectors located in the bottom positions can be further protected by an optional snap-on shroud into three slots at the bottom of the Fib-or-Cop workstation outlet. A total of three duplex ST, SC or MT-RJ interfaces (six fibers) can be used in each Fib-or-Cop

base plate. The design routes and supports 1 m of fiber cable as defined by ANSI/TIA-568-A standards.

OUTLET

With Fib-or-Cop II base and cover.

Anixter No.	Vendor No.	Description
249031	62100041	Accepts six TracJacks out front
249032	62100040	Accepts three 1-unit modules. Series II out front

LOADED BOTTOM ADAPTER PLATES

Anixter No.	Vendor No.	Description
312731	62100044	Duplex, three ST six fibers, multimode, beige adapter, phosphor bronze sleeve
312732	62100045	Three ST duplex, six fibers, single-mode, blue adapters, ceramic sleeves
312733	62100046	Six SC simplex, six fibers, multimode, beige adapters, phosphor-bronze sleeves
312735	62100047	Adapter for four TracJack modules
312737	62100048	Three SC duplex, six fibers, multimode, beige adapters, phosphor-bronze sleeves
312739	62100049	Three SC duplex, six fibers, single-mode, blue adapters, ceramic sleeves
312741	62100050	Six LC, 12 fibers, multimode, beige adapters, phosphor-bronze sleeves
312743	62100051	Six LC, 12 fibers, single-mode, blue adapters, ceramic sleeves
249052	62100038	Protective bottom shrouds, package of five

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Patch Cords

Fiber Optic Cable Assemblies

ORTRONICS

LOMMF (50/125) PC/OFNR, 2 MM ZIPCORD DUPLEX, ST TO ST

Anixter No.	Vendor No.	Description
398726	P1DF2LREZEZ001M	1 meter
398727	P1DF2LREZEZ002M	2 meter
398728	P1DF2LREZEZ003M	3 meter

SC-SC CERAMIC DUPLEX 50/125 FOR 10 GIGABIT ETHERNET (OPTIMO 10G), PC/OFNR, 2 MM ZIPCORD

Anixter No.	Vendor No.	Description
398729	P1DF2LRFZFZ001M	1 meter
398730	P1DF2LRFZFZ002M	2 meter
398733	P1DF2LRFZFZ003M	3 meter

LC-LC CERAMIC DUPLEX 50/125 FOR 10 GIGABIT ETHERNET (OPTIMO 10G), PC/OFNR, 2 MM ZIPCORD

Anixter No.	Vendor No.	Description
398734	P1DF2LRGZGZ001M	1 meter
398736	P1DF2LRGZGZ002M	2 meter
398737	P1DF2LRGZGZ003M	3 meter

PREMIUM PERFORMANCE LC-LC DUPLEX LOMMF (50/125), PC/OFNR, 2 MM ZIPCORD

Anixter No.	Vendor No.	Description
375504	P3DF2LRGZGZ001M	1 meter
375505	P3DF2LRGZGZ002M	2 meter
375506	P3DF2LRGZGZ003M	3 meter

Note: Other lengths, cable and connector types also available.

SpaceSaver Fiber Optic Cable Assemblies

ORTRONICS
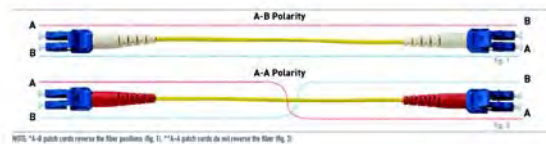
The SpaceSaver line of duplex fiber optic patch cords feature a single 2.4 mm round jacketed cable. These patch cords are available with duplex LC connectors at each end in either A-B or A-A types per the ANSI/TIA-568 standard. These patch cords are ideal for high-density installations common in data centers and SANs optimizing the available vertical and horizontal cable routing spaces.

OPTIMO LASER OPTIMIZED (50/125) PC/OFNP (A-B)

Anixter No.	Vendor No.	Description
375510	P1DF6LPAZAZ001M	1 meter
375513	P1DF6LPAZAZ002M	2 meter
375514	P1DF6LPAZAZ003M	3 meter

OPTIMO LASER OPTIMIZED (50/125) PC/OFNP (A-A)

Anixter No.	Vendor No.	Description
375515	P1RF6LPAZAZ001M	1 meter
375516	P1RF6LPAZAZ002M	2 meter
375517	P1RF6LPAZAZ003M	3 meter

OPTIMO SINGLE-MODE UPC/OFNP (A-B)

Anixter No.	Vendor No.	Description
375518	P1DC6IPUZUZ001M	1 meter
375520	P1DC6IPUZUZ002M	2 meter
375521	P1DC6IPUZUZ003M	3 meter

OPTIMO SINGLE-MODE UPC/OFNP (A-A)

Anixter No.	Vendor No.	Description
375522	P1RC6IPUZUZ001M	1 meter
375523	P1RC6IPUZUZ002M	2 meter
375524	P1RC6IPUZUZ003M	3 meter

OPTIMO PERFORMANCE LASER OPTIMIZED (50/125) PC/OFNP (A-B)

Anixter No.	Vendor No.	Description
375526	P3DF6LPAZAZ001M	1 meter
375527	P3DF6LPAZAZ002M	2 meter
375528	P3DF6LPAZAZ003M	3 meter

OPTIMO PERFORMANCE LASER OPTIMIZED (50/125) PC/OFNP (A-A)

Anixter No.	Vendor No.	Description
375529	P3RC6IPUZUZ001M	1 meter
375530	P3RC6IPUZUZ002M	2 meter
375531	P3RC6IPUZUZ003M	3 meter

Note: Other lengths, cable and connector types also available.

Connector Pigtails

ORTRONICS

OPTIMO SINGLE-MODE UPC/OFNR SIX-CONNECTOR PIGTAIL, SC-UPC

Anixter No.	Vendor No.	Description
352681	P1PF9FRZZFZ002M	2 meter

OPTIMO LASER OPTIMIZED (50/125) PC/OFNR ONE-CONNECTOR PIGTAIL, LC-PC

Anixter No.	Vendor No.	Description
352682	P1PF9FRGZZZ001M	1 meter
352683	P1PF9FRGZZZ002M	2 meter

OPTIMO LASER OPTIMIZED PREMIUM PERFORMANCE ONE-CONNECTOR PIGTAIL, SPLX, LC, 10G (50/125)

Anixter No.	Vendor No.	Description
375552	P3PF9FRGZZZ001M	1 meter
375553	P3PF9FRGZZZ002M	2 meter

OPTIMO SINGLE-MODE UPC/OFNR ONE-CONNECTOR PIGTAIL, SC-UPC

Anixter No.	Vendor No.	Description
352684	P1PC9FRRZZZ001M	1 meter
352685	P1PC9FRRZZZ002M	2 meter

OPTIMO SINGLE-MODE UPC/OFNR ONE-CONNECTOR PIGTAIL, LC-UPC

Anixter No.	Vendor No.	Description
352686	P1PC9FRSZZZ001M	1 meter

OPTIMO LASER OPTIMIZED (50/125) PC/OFNR SIX-CONNECTOR PIGTAIL, SC-PC

Anixter No.	Vendor No.	Description
352691	P1SF4ZRFZZZ002M	2 meter

OPTIMO LASER OPTIMIZED (50/125) PC/OFNR SIX-CONNECTOR PIGTAIL, LC-PC

Anixter No.	Vendor No.	Description
352692	P1SF4ZRGZZZ001M	1 meter
352693	P1SF4ZRGZZZ002M	2 meter

OPTIMO LASER OPTIMIZED PREMIUM PERFORMANCE SIX-CONNECTOR PIGTAIL, 6-FIBER, LC, 10G (50/125)

Anixter No.	Vendor No.	Description
375554	P3SF9FRGZZZ001M	1 meter
375555	P3SF9FRGZZZ002M	2 meter

OPTIMO SINGLE-MODE UPC/OFNR SIX-CONNECTOR PIGTAIL, SC-UPC

Anixter No.	Vendor No.	Description
352695	P1SC4ZRRZZZ001M	1 meter
352696	P1SC4ZRRZZZ002M	2 meter

OPTIMO SINGLE-MODE UPC/OFNR SIX-CONNECTOR PIGTAIL, LC-UPC

Anixter No.	Vendor No.	Description
398785	P1SC4ZRSZZZ001M	1 meter
352698	P1SC4ZRSZZZ002M	2 meter

OPTIMO LASER OPTIMIZED (50/125) PC/OFNR 12-CONNECTOR PIGTAIL, SC-PC

Anixter No.	Vendor No.	Description
352700	P1TF4ZRFZZZ001M	1 meter
352701	P1TF4ZRFZZZ002M	2 meter

OPTIMO LASER OPTIMIZED (50/125) PC-OFNR 12-CONNECTOR PIGTAIL, 12-FIBER, LC, 10G (50/125)

Anixter No.	Vendor No.	Description
398787	P1TF4ZRGZZZ001M	1 meter

PREMIUM PERFORMANCE 12-CONNECTOR PIGTAIL, 12-FIBER, LC, 10G 50/125

Anixter No.	Vendor No.	Description
375556	P3TF9ZRGZZZ001M	1 meter
375557	P3TF9ZRGZZZ002M	2 meter

OPTIMO SINGLE-MODE UPC/OFNR 12-CONNECTOR PIGTAIL, SC-PC

Anixter No.	Vendor No.	Description
352705	P1TC4ZRRZZZ001M	1 meter
352706	P1TC4ZRRZZZ002M	2 meter

OPTIMO SINGLE-MODE 12-CONNECTOR PIGTAIL, LC-UPC

Anixter No.	Vendor No.	Description
352707	P1TC4ZRSZZZ001M	1 meter

Note: Other lengths, cable and connector types also available.

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Cables

OPTI-CORE Fiber Optic Distribution Cable

PANDUIT

FEATURES

- Available in 6-, 12- and 24-fiber counts, and in 36-, 48-, 72-, 96- and 144-fiber counts in a "sub-unit" design
- Single-mode (OS1/OS2) and multimode (OM1, OM2, 10GIG OM3 and OM4 laser-optimized) fiber available
- Sheath markings provide positive identification, quality traceability and length verification
- Lightweight and easy to handle during installation
- 900 μm buffer coating protects fibers during handling and allows for ease of stripping
- Cable design and flexible buffer tubes allow for quick breakout and ease of routing
- Buffered fibers and sub-units are ANSI/TIA color-coded for easy identification
- All-dielectric cable construction requires no grounding or bonding
- OPTI-CORE 10GIG Cable is designed to support network transmission speeds up to 10 Gb/s for link lengths up to 300 meters for OM3, and up to 550 meters for OM4 with an 850 nm source per IEEE 802.3ae 10 GbE Standard
- OPTI-CORE 10GIG Cable is backward-compatible for use with all 50/125 μm system requirements
- Also available with interlocking aluminum armor

APPLICATIONS

Used in intrabuilding backbone, building backbone and horizontal installations for riser (OFNR), plenum (OFNP) and general-purpose environments

RISER (OFNR) 62.5/125 OM1 MULTIMODE
Maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm.

		No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
Anixter No.	Vendor No.		(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-PAN625-TBD-06	FSDR606Y	6	0.189	4.8	150	660	37	165	3.78	9.6	1.9	4.8
371-PAN625-TBD-12	FSDR612Y	12	0.244	6.2	150	660	37	165	4.88	12.4	1.9	6.2
371-PAN625-TBD-24	FSDR624Y	24	0.571	14.5	300	1300	74	330	11.41	27.7	3.4	14.5

PLENUM (OFNP) 62.5/125 OM1 MULTIMODE
Maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm.

		No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
Anixter No.	Vendor No.		(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-PAN625-TBD-06	FSDP606Y	6	0.189	4.8	100	440	24	100	3.78	9.6	1.9	4.8
370-PAN625-TBD-12	FSDP612Y	12	0.244	6.2	100	440	24	100	4.88	12.4	1.9	6.2
370-PAN625-TBD-24	FSDP624Y	24	0.508	12.9	150	660	37	165	10.16	25.8	3.4	12.9

RISER (OFNR) 50/125 OM2 MULTIMODE
Maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm.

		No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
Anixter No.	Vendor No.		(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
371-PAN50-TBD-06	FSDR506Y	6	0.189	4.8	150	660	37	165	3.78	9.6	1.9	4.8
371-PAN50-TBD-12	FSDR512Y	12	0.244	6.2	150	660	37	165	4.88	12.4	1.9	6.2
371-PAN50-TBD-24	FSDR524Y	24	0.571	14.5	300	1300	74	330	11.41	27.7	3.4	14.5

PLENUM (OFNP) 50/125 OM2 MULTIMODE
Maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm.

		No. of Fibers	Cable O.D.		Max. Tensile Load				Min. Bend Radius			
					Installation		Long Term		Installation		Long Term	
Anixter No.	Vendor No.		(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
370-PAN50-TBD-06	FSDP506Y	6	0.189	4.8	100	440	24	100	3.78	9.6	1.9	4.8
370-PAN50-TBD-12	FSDP512Y	12	0.244	6.2	100	440	24	100	4.88	12.4	1.9	6.2
370-PAN50-TBD-24	FSDP524Y	24	0.508	12.9	150	660	37	165	10.16	25.8	3.4	12.9

RISER (OFNR) 50/125 OM3 MULTIMODE
Maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-PAN300-TBD-06	FODRX06Y	6	0.189	4.8	150	660	37	165	3.78	9.6	1.9	4.8
371-PAN300-TBD-12	FODRX12Y	12	0.244	6.2	150	660	37	165	4.88	12.4	1.9	6.2
371-PAN300-TBD-24	FODRX24Y	24	0.571	14.5	300	1300	74	330	11.41	27.7	3.4	14.5

PLENUM (OFNP) 50/125 OM3 MULTIMODE
Maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-PAN300-TBD-06	FODPX06Y	6	0.189	4.8	100	440	24	100	3.78	9.6	1.9	4.8
370-PAN300-TBD-12	FODPX12Y	12	0.244	6.2	100	440	24	100	4.88	12.4	1.9	6.2
370-PAN300-TBD-24	FODPX24Y	24	0.508	12.9	150	660	37	165	10.16	25.8	3.4	12.9

RISER (OFNR) 50/125 OM4 MULTIMODE
Maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-PANOM4-TBD-06	FODRZ06Y	6	0.189	4.8	150	660	37	165	3.78	9.6	1.9	4.8
371-PANOM4-TBD-12	FODRZ12Y	12	0.244	6.2	150	660	37	165	4.88	12.4	1.9	6.2
371-PANOM4-TBD-24	FODRZ24Y	24	0.571	14.5	300	1300	74	330	11.41	27.7	3.4	14.5

PLENUM (OFNP) 50/125 OM4 MULTIMODE
Maximum attenuation: 3.5/1.5 dB/km at 850/1300 nm.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-PANOM4-TBD-06	FODPZ06Y	6	0.189	4.8	100	440	24	100	3.78	9.6	1.9	4.8
370-PANOM4-TBD-12	FODPZ12Y	12	0.244	6.2	100	440	24	100	4.88	12.4	1.9	6.2
370-PANOM4-TBD-24	FODPZ24Y	24	0.508	12.9	150	660	37	165	10.16	25.8	3.4	12.9

RISER (OFNR) OS1/OS2 SINGLE-MODE
Maximum attenuation: 0.7/0.7 dB/km at 1310/1550 nm.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-PAN9-TBD-06	FSDR906Y	6	0.189	4.8	150	660	37	165	3.78	9.6	1.9	4.8
371-PAN9-TBD-12	FSDR912Y	12	0.244	6.2	150	660	37	165	4.88	12.4	1.9	6.2
371-PAN9-TBD-24	FSDR924Y	24	0.571	14.5	300	1300	74	330	11.41	27.7	3.4	14.5

PLENUM (OFNP) OS1/OS2 SINGLE-MODE
Maximum attenuation: 0.7/0.7 dB/km at 1310/1550 nm.

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-PAN9-TBD-06	FSDP906Y	6	0.189	4.8	100	440	24	100	3.78	9.6	1.9	4.8
370-PAN9-TBD-12	FSDP912Y	12	0.244	6.2	100	440	24	100	4.88	12.4	1.9	6.2
370-PAN9-TBD-24	FSDP924Y	24	0.508	12.9	150	660	37	165	10.16	25.8	3.4	12.9

Fiber Solutions

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OPTI-CORE Gel-free Fiber Optic Indoor/Outdoor All-dielectric Cable

PANDUIT

FEATURES

- Eliminates the need for building entrance transition point
- Dry water-blocking technology allows rapid cable preparation and termination for lower termination costs and time (no messy gel required)
- Available in 6- and 12-fiber counts in "central tube" design, and in 24-, 36-, 48-, 72-, 96- and 144-fiber counts in a "stranded tube" design
- Single-mode (OS1/OS2) and multimode (OM1, OM2, 10GIG OM3 and OM4 laser-optimized) fiber available
- Sheath markings provide positive identification, quality traceability and length verification
- Lightweight and easy to handle during installation
- All-dielectric cable construction requires no grounding or bonding
- 250 μm buffer coating protects fibers during handling and allows for ease of stripping
- OPTI-CORE 10GIG cable is designed to support network transmission speeds up to 10 Gb/s for link lengths up to 300 meters for OM3 and up to 550 meters for OM4 with an 850 nm source per IEEE 802.3ae 10 GbE Standard; backward-compatible for use with all 50/125 μm system requirements
- Also available with interlocking aluminum armor

APPLICATIONS

Used within buildings and outdoor environments; for transitional aerial and duct applications and entrance facilities

RISER (OFNR) 62.5/125 OM1 MULTIMODE
Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
372-PAN625-LTD-06	FSCR606Y	6	0.47	10.9	600	2669	150	670	8.6	21.8	4.3	10.9
372-PAN625-LTD-12	FSCR612Y	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
372-PAN625-LTD-24	FSCR624Y	24	0.39	10.1	600	2670	200	890	5.9	15.2	4.0	10.1

PLENUM (OFNP) 62.5/125 OM1 MULTIMODE
Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-PAN625-LTPD-06	FSCP606Y	6	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
373-PAN625-LTPD-12	FSCP612Y	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
373-PAN625-LTPD-24	FSCP624Y	24	0.37	9.4	600	2670	200	890	5.6	14.2	3.7	9.5

RISER (OFNR) 50/125 OM2 MULTIMODE
Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-PAN50-LTRD-6	FSCR506Y	6	0.34	8.5	300	1335	90	400	5.1	13.0	3.4	8.5
373-PAN50-LTRD-12	FSCR512Y	12	0.34	8.5	300	1335	90	400	5.1	13.0	3.4	8.5
373-PAN50-LTRD-24	FSNR524Y	24	0.49	12.55	600	2700	200	890	7.35	18.71	4.9	12.5

PLENUM (OFNP) 50/125 OM2 MULTIMODE
Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-PAN50-LTPD-6	FSCP506Y	6	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
373-PAN50-LTPD-12	FSCP512Y	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
373-PAN50-LTPD-24	FSNP524Y	24	0.46	11.7	600	2700	200	890	6.9	17.5	4.6	11.7

Fiber Solutions

RISER (OFNR) 50/125 OM3 MULTIMODE
Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-PANOM3-LTRD-06	FOCRX06Y	6	0.34	8.5	300	1335	90	400	5.1	13.0	3.4	8.5
373-PANOM3-LTRD-12	FOCRX12Y	12	0.34	8.5	300	1335	90	400	5.1	13.0	3.4	8.5
373-PANOM3-LTRD-24	FOCRX24Y	24	0.49	12.55	600	2700	200	890	7.35	18.71	4.9	12.5

PLENUM (OFNP) 50/125 OM3 MULTIMODE
Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-PANOM3-LTPD-06	FOCPX06Y	6	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
373-PANOM3-LTPD-12	FOCPX12Y	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
373-PANOM3-LTPD-24	FOCPX24Y	24	0.46	11.7	600	2700	200	890	6.9	17.5	4.6	11.7

RISER (OFNR) 50/125 OM4 MULTIMODE
Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-PANOM4-LTRD-06	FOCRZ06Y	6	0.34	8.5	300	1335	90	400	5.1	13.0	3.4	8.5
373-PANOM4-LTRD-12	FOCRZ12Y	12	0.34	8.5	300	1335	90	400	5.1	13.0	3.4	8.5

PLENUM (OFNP) 50/125 OM4 MULTIMODE
Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-PANOM4-LTPD-06	FOCPZ06Y	6	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
373-PANOM4-LTPD-12	FOCPZ12Y	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6

RISER (OFNR) OS1/OS2 SINGLE-MODE
Maximum attenuation: 0.7/0.7 dB/km (1310/1550 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-PANOS1-LTRD-06	FSCR906Y	6	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
373-PANOS1-LTRD-12	FSCR912Y	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
373-PANOS1-LTRD-24	FSCR924Y	24	0.39	10.1	600	2670	200	890	5.9	15.2	4.0	10.1

PLENUM (OFNP) OS1/OS2 SINGLE-MODE
Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm).

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
373-PANOS1-LTPD-06	FSCP906Y	6	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
373-PANOS1-LTPD-12	FSCP912Y	12	0.26	6.6	300	1335	90	400	3.9	9.9	2.6	6.6
373-PANOS1-LTPD-24	FSCP924Y	24	0.37	9.4	600	2670	200	890	5.6	14.2	3.7	9.5

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Connectors and Adapters

OPTICAM Fiber Optic Connectors - Prepolished Cam Termination

PANDUIT

FEATURES

- Exceeds ANSI/TIA-568-B.3 requirements
- Quick installation, provide field termination in less than half the time of field polish connectors
- Patent-pending retermination capability provides yield rates approaching 100 percent
- Factory prepolished fiber end-face eliminates time-consuming field polishing to reduce installation costs, labor, scrap and the number of tools required
- Cam-activated fiber and buffer-clamp mechanisms provide superior fiber and buffer retention - less sensitivity to fiber tensile loading
- No separate clamps, tools or steps are required to secure both the fiber and the buffer
- OPTICAM Termination Tool simplifies tooling and termination, and virtually eliminates operator error by providing visual indication of proper termination after the cam step has been completed
- Cable retention boot assemblies consistently provide higher-than-industry-standard cable retention
- Nonoptical disconnect maintains data transmission under tensile loads for jacketed cable
- Fiber cable size: 900 μm tight-buffered fiber with included boot(s); 1.6 mm to 2.0 mm and 3.0 mm jacketed cable with available OPTICAM 1.6 mm/2.0 mm and 3.0 mm boot(s) - 10 per package
- Ferrule type: 2.5 mm zirconia ceramic or composite to meet a variety of application requirements
- Simplex connectors are also available in 100 count bulk packages

LC OPTICAM FIBER OPTIC CONNECTORS

Anixter No.	Vendor No.	Description
313201	FLCSMCXAQY	10 Gig 50/125 μm OM3/OM4 multimode, simplex, aqua
313204	FLCDMCXAQY	10 Gig 50/125 μm OM3/OM4 multimode, duplex, aqua
313205	FLCSMC5BLY	50/125 μm multimode, simplex, black
313206	FLCDMC5BLY	50/125 μm multimode, duplex, black
372623	FLCSMC6EIY	62.5/125 μm multimode, simplex, electic ivory
372624	FLCDMC6EIY	62.5/125 μm multimode, duplex, electric ivory
313209	FLCSSCBUY	Single-mode, simplex, blue

SC OPTICAM FIBER OPTIC CONNECTORS

Anixter No.	Vendor No.	Description
313211	FSCMCXAQ	10 Gig 50/125 μm OM3/OM4 multimode, simplex, aqua
313212	FSCDMCXAQ	10 Gig 50/125 μm OM3/OM4 multimode, duplex, aqua
313213	FSCMC5BL	50/125 μm multimode, simplex, black
360152	FSCMPC5BL	50/125 μm multimode, simplex, composite, black
313214	FSCDMC5BL	50/125 μm multimode, duplex, black
372625	FSCMC6EI	62.5/125 μm multimode, simplex, electric ivory
372626	FSCDMC6EI	62.5/125 μm multimode, duplex, electric ivory
313218	FSCSCBU	Single-mode, simplex, blue

ST OPTICAM FIBER OPTIC CONNECTORS

Anixter No.	Vendor No.	Description
330518	FSTMCXAQ	10 Gig 50/125 μm OM3/OM4 multimode, simplex, aqua
330519	FSTMC5BL	50/125 μm multimode, simplex, black
330520	FSTMPC5BL	50/125 μm multimode, simplex, composite, black
372627	FSTMC6EI	62.5/125 μm multimode, simplex, electric ivory
372628	FSTMPC6EI	62.5/125 μm multimode, simplex, composite, electric ivory
330523	FSTSCBU	Single-mode, simplex, blue

OPTICAM CABLE RETENTION BOOTS

Anixter No.	Vendor No.	Description
330510	FMCBT2AQ-X	10 Gig 1.6/2.0 millimeter cable retention boot (10 pk), aqua
330511	FMCBT2BL-X	Multimode 1.6/2.0 millimeter cable retention boot (10 pk), black
372629	FMCBT2EI-X	Multimode 1.6/2.0 millimeter cable retention boot (10 pk), electric ivory
330512	FSCBT2BU-X	Single-mode 1.6/2.0 millimeter cable retention boot (10 pk), blue
330513	FMCBT3AQ-X	10 Gig 3.0 millimeter cable retention boot (10 pk), aqua

Anixter No.	Vendor No.	Description
329249	FMCBT3BL-X	Multimode 3.0 millimeter cable retention boot (10 pk), black
372633	FMCBT3EI-X	Multimode 3.0 millimeter cable retention boot (10 pk), electric ivory
330514	FSCBT3BU-X	Single-mode 3.0 millimeter cable retention boot (10 pk), blue

FJ OPTI-CRIMP MULTIMODE DUPLEX JACK MODULES

Anixter No.	Vendor No.	Description
543340	FJJSMM5CEI	62.5/125 μm; electric ivory
257852	FJJSMM50CEI	50/125 μm; electric ivory

FJ OPTI-CRIMP REPLACEMENT FERRULES/CRIMP SLEEVES

Anixter No.	Vendor No.	Description
248554	FJJSMMFRL-X	62.5/125 μm
248555	FJJSMM50FRL-X	50/125 μm

OPTICAM Prepolished Cam Fiber Optic Termination Kits

PANDUIT

FEATURES
- For termination of all PANDUIT OPTICAM Prepolished Connectors
- No adhesive or electricity required for termination
- OPTICAM Termination Tool simplifies tooling and termination, and virtually eliminates operator error by providing visual indication of proper termination after the cam step has been completed
- Includes installation instructions and stripping templates for all PANDUIT OPTICAM Prepolished Connectors

Anixter No.	Vendor No.	Description
330543	FCAMKIT	OPTICAM Prepolished Cam Fiber Optic Termination Kit
313383	FPPKIT-CVY	Prepolished conversion kit - converts OPTI-CRIMP Termination Kit for OPTICAM
330545	FIELDKITUPG	Field Polish Kit Upgrade for OPTICAM Connector Termination

OPTI-CRIMP Prepolished Crimp Fiber Optic Termination Kit

PANDUIT

FEATURES
- For termination of all PANDUIT OPTI-CRIMP Prepolished Connectors
- No adhesive required for termination
- Includes FVFLY Visual Fault Locator and FVFLPCY Patch Cord for visual verification of optimal continuity between the field fiber and the prepolished fiber stub during crimp termination
- Includes installation instructions and stripping templates for all PANDUIT OPTI-CRIMP Prepolished Crimp Connectors

Anixter No.	Vendor No.	Description
268774	FJMVKITY	OPTI-CRIMP Prepolished Crimp Fiber Optic Termination Kit

Field Polish Fiber Optic Connectors

PANDUIT

FEATURES
- Robust design protects fibers from mechanical and environmental stress
- Each simplex, 2.5 mm ferrule connector comes with 3.0 mm and 900 μm boots
- LC and SC products available with standards-based color-coded boots or with contrasting boot colors for polarity identification
- SC and FJ connectors also available for 1.6 mm thru 2.0 mm cable
- Duplex SC connectors come with duplex clip and two 3.0 mm boots (one black, one red)
- Each simplex LC connector comes with 1.6 mm to 2.0 mm and 900 μm boots; each duplex LC connector comes with 1.6 mm to 2.0 mm boots
- Field polish termination - PANDUIT recommends anaerobic adhesive for field polish connectors
- Use Field Polish Termination Kit (FIELDKIT) to terminate all PANDUIT field polish connectors
- LC or SC duplex clips available for duplexing two simplex PANDUIT LC or SC connectors
- Fiber compatibility: 62.5/125 μm OM1, 50/125 μm OM2, 10 Gig 50/125 μm laser-optimized OM3/OM4, and 9/125 μm OS1/OS2

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Fiber Solutions

Connectors and Adapters

(continued)   Field Polish Fiber Optic Connectors

LC SIMPLEX FIELD POLISH FIBER OPTIC CONNECTORS

Anixter No.	Vendor No.	Description
268812	FLCSMEIY	LC multimode simplex 62.5/125, electric ivory housing and boots
372678	FLCSMBLY	LC multimode simplex 50/125, black housing and boots
372679	FLCSM3.0EI	LC multimode simplex 62.5/125, electric ivory housing and 3.0 mm boots
372680	FLCSM3.0BL	LC multimode simplex 50/125, black housing and 3.0 mm boots
268813	FLCSSBUY	LC single-mode simplex 9/125, blue housing and boots

LC DUPLEX FIELD POLISH FIBER OPTIC CONNECTORS

Anixter No.	Vendor No.	Description
268814	FLCDMEI	LC multimode duplex 62.5/125, electric ivory housings and 1.6/2.0 mm boots
372681	FLCDMBLY	LC multimode duplex 50/125, black housings and 1.6/2.0 mm boots
268815	FLCDSBUY	LC single-mode duplex 9/125, blue housings and 1.6/2.0 mm boots
284256	FLCDM900EIY	LC multimode duplex 62.5/125, electric ivory housings and 900 μm boots
372682	FLCDM900BLY	LC multimode duplex 62.5/125, black housings and 900 μm boots
313247	FLCDS900BU	LC single-mode duplex 9/125, blue housings and 900 μm boots
372685	FLCDM3.0EI	LC multimode duplex 62.5/125, electric ivory housings and 3.0 mm boots

Anixter No.	Vendor No.	Description
372686	FLCDM3.0BL	LC multimode duplex 50/125, black housings and 3.0 mm boots
372687	FLCDS3.0BU	LC single-mode duplex 9/125, blue housings and 3.0 mm boots

LC DUPLEX CLIP

Anixter No.	Vendor No.	Description
313248	FLCCLIP-L	LC duplex clip

SC SIMPLEX FIELD POLISH FIBER OPTIC CONNECTORS

Anixter No.	Vendor No.	Description
248562	FSCSBU	SC single-mode 9/125, blue boot
246368	FSCMBL	Multimode, black
372639	FSCM5BL	50/125, multimode, black housing and boot
546394	FSCMRD	Multimode, red

SC DUPLEX CLIP

Anixter No.	Vendor No.	Description
313220	FSCCLIP-L	SC duplex clip

SC DUPLEX FIELD POLISH FIBER OPTIC CONNECTORS

Anixter No.	Vendor No.	Description
313219	FSCDM	62.5/125, multimode, electric ivory housing and red and black
372677	FSCDM5BL	50/125, multimode, black housings and boots

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Connectors and Adapters

ST FIELD POLISH FIBER OPTIC CONNECTORS

Anixter No.	Vendor No.	Description
248564	FSTSABU	ST single-mode 9/125, blue boot
244843	FSTMABL	ST multimode 50/125 and 62.5/125 black boot
246370	FSTMARD	Multimode, red boot

FJ FIELD POLISH FIBER OPTIC DUPLEX JACK MODULES

Anixter No.	Vendor No.	Description
187046	FJJGM5CEI	Multimode, electric ivory
224323	FJJGM5CIW	Multimode, off-white
204302	FJJGS9CBU	Single-mode, blue
525509	FJJFRL-X	Multimode, replacement ferrule and crimp sleeve

FJ FIELD POLISH FIBER OPTIC DUPLEX PLUGS

Anixter No.	Vendor No.	Description
187061	FJEPGM5CEI	Multimode, electric ivory
204303	FJEPGS9CBUY	Single-mode, blue
248565	FJEPFRL-X	Multimode, replacement ferrule and crimp sleeve

Field Polish Fiber Optic Termination Kits/Components

PANDUIT

FEATURES

- For termination of all PANDUIT Field Polish Connectors
- Fast-acting adhesive; no long-curing epoxy required for termination
- Kit provides consumables for terminating up to 100 field polish connectors
- Includes installation instructions and stripping templates for all PANDUIT Field Polish Connectors

Anixter No.	Vendor No.	Description
330547	FIELDKIT	Field Polish Termination Kit
330548	FCAMKITUPG	OPTICAM Kit Upgrade for Field Polish Connector Termination
330549	FIELDKITRFB	Field Polish Consumables Refurbishment Kit; includes all consumable quantities included in FIELDKIT
206160	FJPKGU	Universal polishing puck

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Connectors and Adapters

Mini-Com Fiber Optic Adapter Modules

PANDUIT

FEATURES

- Robust designs exceed ANSI/TIA-568-B.3 performance requirements
- Compatible with Mini-Com products for complete modularity
- Choice of phosphor bronze or zirconia ceramic split sleeves to fit specific network requirements; zirconia ceramic split sleeves are recommended for single-mode and 10 GbE applications
- Modules available in multiple colors - allows color-coding for network segregation
- LC small-form-factor duplex adapter module fits into a single-module space

LC MINI-COM SR./SR. DUPLEX FIBER OPTIC ADAPTER MODULES
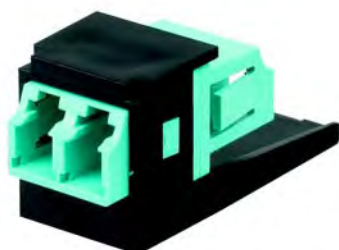
Modules have a FOCIS-10 senior adapter interface at each end.

Anixter No.	Vendor No.	Description
268844	CMDSLCEI	Phosphor-bronze sleeves, electric ivory adapter/module
268845	CMDSLCZBU	Zirconia ceramic sleeves, blue adapter/module
313257	CMDSAQLCBL	10 Gig, phosphor-bronze sleeves, aqua adapter/black module
313258	CMDSAQLCZBL	10 Gig, zirconia ceramic sleeves, aqua adapter/black module

LC MINI-COM SR./JR. DUPLEX FIBER OPTIC ADAPTER MODULES

Modules have a FOCIS-10 senior adapter interface at the front and a FOCIS-10 junior adapter interface at the back; junior end also accepts fixed ferrule LC connectors.

Anixter No.	Vendor No.	Description
268846	CMDJLCEI	Phosphor-bronze sleeves, electric ivory adapter/module
268847	CMDJLCZBU	Zirconia ceramic sleeves, blue adapter/module
299930	CMDJLCBL	Phosphor-bronze sleeves, electric ivory adapter/module
428308	CMDJBLLCBL	Phosphor-bronze sleeves, black adapter/module
313259	CMDJAQLCBL	10 Gig, phosphor-bronze sleeves, aqua adapter/black module
313260	CMDJAQLCZBL	10 Gig, zirconia ceramic sleeves, aqua adapter/black module

SC MINI-COM FIBER OPTIC ADAPTER MODULES
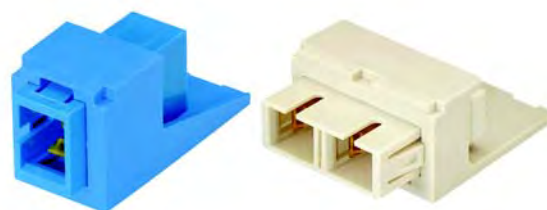
Anixter No.	Vendor No.	Description
248576	CMDEISCEI	Duplex, phosphor-bronze sleeves, electric ivory adapter/module
248575	CMSEISCEI	Simplex, phos. bronze sleeves, electric ivory adapter/module
248414	CMDBUSCBL	Duplex, phosphor-bronze sleeves, blue adapter/black module
546346	CMDBUSCIW	Duplex, phosphor-bronze sleeves, blue adapter/off-white module
180500	CMDBUSCEI	Duplex, phosphor-bronze sleeves, blue adapter/electric ivory module
249510	CMDBUSCWH	Duplex, phosphor-bronze sleeves, blue adapter/white module
248577	CMDBUSCZBU	Duplex, zirconia ceramic sleeves, blue adapter/module
316617	CMSBUSCZBU	Simplex, zirconia ceramic sleeves, blue adapter, black module
372634	CMSBLSCBL	Simplex, phosphor-bronze sleeves, black adapter/black module
372635	CMDBLSCBL	Duplex, phosphor-bronze sleeves, black adapter/black module
313250	CMSAQSCBL	10 Gig, simplex, phos. bronze sleeves, aqua adapter/black module
313251	CMSAQSCZBL	10 Gig, simplex, zirconia ceramic sleeves, aqua adapter/black module
313252	CMDAQSCBL	10 Gig, duplex, phosphor-bronze sleeves, aqua adapter/black module
313253	CMDAQSCZBL	10 Gig, duplex, zirconia ceramic sleeves, aqua adapter/black module

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Anixter No.	Vendor No.	Description
313254	CMSAGSCZBL	APC, simplex, zirconia ceramic sleeves, green adapter/black module
313255	CMDAGSCZBL	APC, duplex, zirconia ceramic sleeves, green adapter/black module

ST MINI-COM SIMPLEX FIBER OPTIC ADAPTER MODULES

Anixter No.	Vendor No.	Description
180499	CMSTBL	Phosphor-bronze sleeve, black module
180445	CMSTEI	Phosphor-bronze sleeve, electric ivory module
175045	CMSTIW	Phosphor-bronze sleeve, off-white module
180498	CMSTWH	Phosphor-bronze sleeve, white module
269754	CMSTZBL	Zirconia ceramic sleeve, black module
269755	CMSTZBU	Zirconia ceramic sleeve, blue module
269756	CMSTZEI	Zirconia ceramic sleeve, electric ivory module
269757	CMSTZIW	Zirconia ceramic sleeve, off-white module

MT-RJ MINI-COM DUPLEX FIBER OPTIC ADAPTER MODULES

Can be used with multimode connectors and patch cords.

Anixter No.	Vendor No.	Description
248581	CMMJBL	Black
235569	CMMJBU	Blue
248578	CMMJEI	Electric ivory
245847	CMMJIW	Off-white
234705	CMMJWH	White

MPO ADAPTER MODULE

ANSI/TIA-604 FOCIS-5-compliant adapter exceeds ANSI/TIA-568-B.3 requirements. Compatible with Mini-Com MPO. Adapters are also available in fiber adapter panels to provide a complete MPO solution. Designed for multimode or single-mode MPO connectors, patch cords or cable assemblies.

Anixter No.	Vendor No.	Description
313261	CMMPOBLBL	Module supplied with one MPO fiber optic adapter

NETKEY Fiber Optic Adapter Modules

PANDUIT

NETKEY FIBER OPTIC ADAPTER MODULES

Module colors also available in electric ivory (EI), black (BL), white (WH) and international gray (IG).

Anixter No.	Vendor No.	Description
282079	NKSCMIW	SC simplex adapter module, phosphor bronze split sleeve, off-white
443700	NKSCMZIW	SC simplex adapter module, zirconia ceramic split sleeve, off-white
282078	NKSTMIW	ST simplex adapter module, phosphor bronze split sleeve, off-white
313262	NKDLCMIW	LC duplex adapter module, phosphor bronze split sleeve, off-white
394527	NKDLCMZIW	LC duplex single-mode adapter module, zirconia ceramic split sleeve, off-white

Fiber Solutions

Connectors and Adapters

NETKEY Fiber Optic Adapter Connectors

PANDUIT

FEATURES

- Meets ANSI/TIA-568-C.3 requirements
- Insertion loss: 1 dB typical (multimode), 0.2 dB typical (single-mode)
- Return loss: > 20 dB (multimode), > 40 dB (single-mode)
- Each duplex plug includes housing, insert, two ferrule assemblies, two crimp sleeves, one boot for 3 mm jacketed cable and two dust caps

LC CONNECTORS - POT AND POLISH TERMINATION

Anixter No.	Vendor No.	Description
444098	NKFLCSMWH	LC 62.5/125 μm multimode simplex connector. EI (electric ivory) body, WH (white) boot
444013	NKFLCSMBL	LC 50/125 μm multimode simplex connector. EI (electric ivory) body, BL (black) boot
444014	NKFLCSMAQ	LC 50/125 μm OM3/OM4 multimode simplex connector. EI (electric ivory) body, AQ (aqua) boot
425006	NKFLCSSWH	LC single-mode simplex connector. BU (blue) body, WH (white) boot
444015	NKFLCCLIP-L	LC duplex clip, red

SC CONNECTORS - POT AND POLISH TERMINATION

Anixter No.	Vendor No.	Description
444016	NKFSCMWH	SC 62.5/125 μm multimode simplex connector. EI (electric ivory) body, WH (white) boot
444017	NKFSCMBL	SC 50/125 μm multimode simplex connector. EI (electric ivory) body, BL (black) boot
444018	NKFSCMAQ	SC 50/125 μm OM3/OM4 multimode simplex connector. EI (electric ivory) body, AQ (aqua) boot
444019	NKFSCSWH	SC single-mode simplex connector, BU (blue) body, WH (white) boot
444020	NKFSCCLIP-L	SC duplex clip, red

ST CONNECTORS - POT AND POLISH TERMINATION

Anixter No.	Vendor No.	Description
444025	NKFSCMPC6EI	SC OPTICAM Composite Ferrule 62.5/125 μm multimode simplex connector, electric ivory
444028	NKFSCMPC5BL	SC OPTICAM Composite Ferrule 50/125 μm multimode simplex connector, black
444030	NKFSTMABL	ST multimode connector with black boot (62.5/125 μm or 50/125 μm)
444031	NKFSTSABU	ST single-mode connector with blue boot

ST CONNECTORS - PRE-POLISH CAM TERMINATION

Anixter No.	Vendor No.	Description
444032	NKFSTMPC6EI	ST OPTICAM Composite Ferrule 62.5/125 μm multimode simplex connector, electric ivory
444033	NKFSTMPC5BL	ST OPTICAM Composite Ferrule 50/125 μm multimode simplex connector, black

OPTICOM QuickNet Rack-mount Fiber Cassette Enclosures

PANDUIT

The fiber optic drawers mount to standard EIA 19 in. racks and provide an excellent solution for patching, routing and organizing your fiber optic cable in high-density applications. The drawers slide out and tilt down for easy access to the fiber connections, terminations, splices and cable storage. FCE*U drawers also feature clear front covers for easy access to patch cords; side and rear cable entry; and a fiber optic cable-routing accessory kit. Front patch cord bend-radius control clips also included.

Anixter No.	Vendor No.	Description
351634	FCE1U	1U, accepts four QuickNet Cassettes, fiber adapter panels and fiber optic splice modules for up to 96 fibers
351635	FCE2U	2U, accepts eight QuickNet Cassettes, fiber adapter panels and fiber optic splice modules for up to 192 fibers
364415	FCE4U	4U, accepts 12 QuickNet cassettes, fiber adapter panels and fiber optic splice modules for up to 288 fibers

OPTICOM Rack-mount Enclosures (FRME)

PANDUIT

The FRME fiber rack-mount enclosures mount to standard EIA 19 in. or 23 in. racks and provide an excellent solution for routing and organizing fiber optic cable for all applications. The 1RU and 2RU versions feature bi-directional sliding drawers for easy front access to the fiber connections, terminations, splices and cable storage. The 3RU and 4RU versions feature a fixed bulkhead design. All models have front and rear door access to patch cords, terminations and cable storage; feature top, bottom and side cable entry; and come with fiber optic cable routing accessory kits and patch cord bend-radius control.

Anixter No.	Vendor No.	Description
367260	FRME1U	1RU, accepts three fiber adapter panels and fiber optic splice modules for up to 72 fibers
367264	FRME2U	2RU, accepts six fiber adapter panels and fiber optic splice modules for up to 144 fibers
248880	FRME3	3RU, accepts nine fiber adapter panels for up to 216 fibers
248879	FRME4	4RU, accepts 12 adapter panels for up to 288 fibers

OPTICOM Fiber Adapter Patch Panels, Trays and Drawers

PANDUIT

The OPTICOM Rack Mount Fiber Trays (FMTs) mount to standard EIA 19 in. racks directly behind PANDUIT fiber adapter patch panels. The stationary tray features a removable cover for easy access to terminations, splices and cable storage, side and rear access for cable entry, and a fiber optic cable routing accessory kit.

Anixter No.	Vendor No.	Description
248886	FMT1	OPTICOM Rack Mount Fiber Tray, 1RU, add modular patch panel CFAPPBL1
248887	FMT2	OPTICOM Rack Mount Fiber Tray, 2RU, add modular patch panel CFAPPBL2
226175	CFAPPBL1	Flat fiber patch panel, accepts up to four FAP adapter panels, 1RU
226176	CFAPPBL2	Flat fiber patch panel, accepts up to eight FAP adapter panels, 2RU
398197	FMT1A	OPTICOM Rack Mount Fiber Tray Angled, 1RU, add modular patch panel CFAPPBL1A

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(continued) OPTICOM Fiber Adapter Patch Panels, Trays and Drawers

Anixter No.	Vendor No.	Description
398198	FMT2A	OPTICOM Rack Mount Fiber Tray Angled, 2RU, add modular patch panel CFAPPBL2A
398195	CFAPPBL1A	Angled fiber patch panel, accepts up to four FAP adapter panels, 1U
398196	CFAPPBL2A	Angled fiber patch panel, accepts up to eight FAP adapter panels, 2RU

OPTICOM Preloaded Trays

PANDUIT

The preloaded fiber optic trays mount to standard EIA 19 in. racks. The stationary trays come preloaded with SC or ST adapters and feature removable patch panels that allow rear access from the front of the unit. Includes fiber optic cable routing accessory kit. 1RU high (1.75 in.).

Anixter No.	Vendor No.	Description
268957	FT1W12ST	12 ST adapters with phosphor-bronze sleeves
268958	FT1W24ST	24 ST adapters with phosphor-bronze sleeves
268959	FT1W12DSC	12 duplex SC adapters with phosphor-bronze sleeves

OPTICOM Wall-mount Enclosures (FWME)

PANDUIT

The OPTICOM FWME fiber wall-mount enclosures are an excellent solution for managing optical fiber terminations, splices and patching in building entrances, equipment rooms, telecommunications rooms and telecommunications closets. The wall-mount enclosures have separate doors for service-side and user-side access; the option of separately keyed locks; can accommodate splice trays and holders; and include a fiber optic cable-routing accessory kit.

Anixter No.	Vendor No.	Description
248868	FWME2	Wall-mount enclosure accepting up to two FAP panels
248872	FWME4	Wall-mount enclosure accepting up to four FAP panels or QuickNet cassettes
259937	FWME8	Wall-mount enclosure accepting up to eight FAP panels or QuickNet cassettes

OPTICOM MPO Fiber Optic Adapter Panels (FAPs)

PANDUIT

MPO fiber optic adapter panels are loaded with ANSI/TIA-604 FOCIS-5-compliant adapters and exceed ANSI/TIA-568-C.3 requirements. They are screen printed for horizontal or vertical orientation and designed for multimode or single-mode MPO connectors, patch cords, or cable assemblies. They snap quickly into the front of all OPTICOM and OPTICOM QuickNet Components, and can be used with OPTICOM Zero RU Cable Management Solutions and QuickNet Hydra Cable Assemblies to facilitate connection to the active equipment.

HORIZONTAL ORIENTATION PANELS

Anixter No.	Vendor No.	Description
443701	FAPH0412BLMPO	Loaded with four (4) key-up MPO fiber optic adapters; oriented horizontally
443702	FAPH0612BLMPO	Loaded with six (6) key-up MPO fiber optic adapters; oriented horizontally
443703	FAPH0812BLMPO	Loaded with eight (8) key-up MPO fiber optic adapters; oriented horizontally
443704	FAPH1212BLMPO	Loaded with twelve (12) key-up MPO fiber optic adapters; oriented horizontally
443705	FAPH1612BLMPO	Loaded with sixteen (16) key-up MPO fiber optic adapters; oriented horizontally
443706	FAPH1812BLMPO	Loaded with eighteen (18) key-up MPO fiber optic adapters; oriented horizontally

VERTICAL ORIENTATION PANELS

| Anixter No.	Vendor No.	Description
443707	FAPV0412BLMPO	Loaded with four (4) key-up MPO fiber optic adapters; oriented vertically
443708	FAPV0612BLMPO	Loaded with six (6) key-up MPO fiber optic adapters; oriented vertically
443709	FAPV0812BLMPO	Loaded with eight (8) key-up MPO fiber optic adapters; vertically horizontally

QUICKNET FIBER OPTIC MIGRATION ADAPTER PANELS (FAPS)

Fiber optic migration adapter panels are factory assembled, 100 percent tested and compatible with QuickNet Patch Panels. Adapters housing colors follow ANSI/TIA-568.C3 suggested color identification scheme. Lifetime traceability of test date to a Quality Control number on each fiber adapter panel. QuickNet Fiber Optic Migration Adapter panels significantly reduce installation time and labor by eliminating field connector terminations.

Anixter No.	Vendor No.	Description
443710	FQMAP45BL	Loaded with four (4) key-up MPO fiber optic migration adapters
443711	FQMAP65BL	Loaded with six (6) key-up MPO fiber optic migration adapters
443712	FQMAP85BL	Loaded with eight (8) key-up MPO fiber optic migration adapters

OPTICOM Fiber Adapter Panels (FAPs)
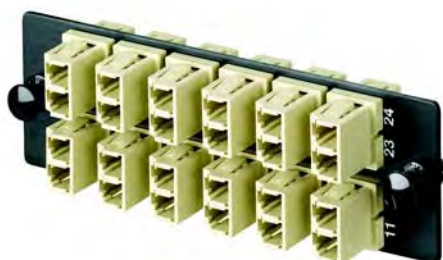
PANDUIT

Fiber optic adapter panels (FAPs) snap quickly into the front of all PANDUIT trays, drawers, rack-mount enclosures and fiber adapter patch panels. Choice of phosphor bronze or zirconia ceramic split sleeves to fit specific network requirements; zirconia ceramic split sleeves are recommended for single-mode and 10 GbE applications.

QUICKNET MPO/MTP ADAPTER PANELS

Anixter No.	Vendor No.	Description
372703	FAPH4W12BLMTP	With four MPO/MTP fiber optic adapters; for horizontal orientation of 12-fiber MPO or MTP connectors
372709	FAPH6W12BLMTP	With six MPO/MTP fiber optic adapters; for horizontal orientation of 12-fiber MPO or MTP connectors
372714	FAP4W12BLMTP	With four MPO/MTP fiber optic adapters; for vertical orientation of 12-fiber MPO or MTP connectors

LC OPTICOM DUPLEX FIBER ADAPTER PANELS

Anixter No.	Vendor No.	Description
313274	FAP6WAQDLCZ	With six OM3/OM4 LC duplex adapters, aqua, zirconia ceramic sleeves
352258	FAP12WAQDLCZ	With twelve OM3/OM4 LC duplex adapters, aqua, zirconia ceramic sleeves
313271	FAP6WAQDLC	With six OM3/OM4 LC duplex adapters, aqua, phosphor-bronze sleeves
411337	FAP12WAQDLC	With twelve OM3/OM4 LC duplex adapters, aqua, phosphor-bronze sleeves
398200	FAP6WBLDLC	With six OM2 LC duplex adapters, black, phosphor-bronze sleeves
413922	FAP12WBLDLC	With twelve OM2 LC duplex adapters, black, phosphor-bronze sleeves
270989	FAP6WEIDLC	With six OM1 LC duplex adapters, electric ivory, phosphor-bronze sleeves
286271	FAP12WEIDLC	With twelve OM1 LC duplex adapters, electric ivory, phosphor-bronze sleeves
270999	FAP6WBUDLCZ	With six OS1/OS2 LC duplex adapters, blue, zirconia ceramic sleeves
339588	FAP12WBUDLCZ	With twelve OS1 LC duplex adapters, blue, zirconia ceramic sleeves

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Hardware

(continued)   OPTICOM MPO Fiber Optic Adapter Panels (FAPs)

LC OPTICOM SIMPLEX FIBER ADAPTER PANELS
Includes ziconia ceramic sleeves.

Anixter No.	Vendor No.	Description
270984	FAP12WBULCZ	With 12 blue adapters
328335	FAP12WAQLCZ	With 12 aqua adapters

SC OPTICOM DUPLEX FIBER ADAPTER PANELS

Anixter No.	Vendor No.	Description
313269	FAP3WAQDSCZ	With three OM3/OM4 SC duplex adapters, aqua, zirconia ceramic sleeves
406363	FAP4WAQDSCZ	With four OM3/OM4 SC duplex adapters, aqua, zirconia ceramic sleeves
313270	FAP6WAQDSCZ	With six OM3/OM4 SC duplex adapters, aqua, zirconia ceramic sleeves
313267	FAP3WAQDSC	With three OM3/OM4 SC duplex adapters, aqua, phosphor-bronze sleeves
388811	FAP4WAQDSC	With four OM3/OM4 SC duplex adapters, aqua, phosphor-bronze sleeves
313268	FAP6WAQDSC	With six OM3/OM4 SC duplex adapters, aqua, phosphor-bronze sleeves
PAN-FAP3WBLDSC	FAP3WBLDSC	With three OM2 SC duplex adapters, black, phosphor-bronze sleeves
398227	FAP6WBLDSC	With six OM2 SC duplex adapters, black, phosphor-bronze sleeves
256680	FAP3WEIDSC	With three OM1 SC duplex adapters, electric ivory, phosphor-bronze sleeves
310421	FAP4WEIDSC	With four OM1 SC duplex adapters, electric ivory, phosphor-bronze sleeves
268858	FAP6WEIDSC	With six OM1 SC duplex adapters, electric ivory, phosphor-bronze sleeves
280883	FAP3WBUDSCZ	With three OS1/OS2 SC duplex adapters, blue, zirconia ceramic sleeves
344904	FAP4WBUDSCZ	With four OS1/OS2 SC duplex adapters, blue, zirconia ceramic sleeves
268859	FAP6WBUDSCZ	With six OS1/OS2 SC duplex adapters, blue, zirconia ceramic sleeves
313266	FAP6WAGDSCZ	With six APC duplex adapters, green, zirconia ceramic sleeves

SC OPTICOM SIMPLEX FIBER ADAPTER PANELS

Anixter No.	Vendor No.	Description
268854	FAP6WEISC	With six SC simplex adapters, electric ivory, phosphor-bronze sleeves
342159	FAP12WEISC	With twelve SC simplex adapters, electric ivory, phosphor-bronze sleeves
241007	FAP6WBUSCZ	With six SC simplex adapters, blue, zirconia ceramic sleeves
325993	FAP12WBUSCZ	With twelve SC simplex adapters, blue, zirconia ceramic sleeves
313265	FAP6WAGSCZ	With six APC green adapters, zirconia ceramic sleeves

ST OPTICOM SIMPLEX FIBER ADAPTER PANELS

Anixter No.	Vendor No.	Description
268852	FAP6WSTZ	With six ST adapters, zirconia ceramic sleeves
520721	FAP6WST	With six ST adapters, phosphor-bronze sleeves
268960	FAP6WSTA	With six ST simplex angled adapters, phosphor-bronze sleeves
255073	FAP8WST	With eight ST simplex adapters, phosphor-bronze sleeves

OPTICOM MULTI-MEDIA MODULAR PANEL

Anixter No.	Vendor No.	Description
187387	FMP6	Unloaded panel; accepts six Mini-Com modules

OPTICOM BLANK FIBER ADAPTER PANEL

Anixter No.	Vendor No.	Description
521095	FAPB	Blank adapter panel (reserves space for future use)

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OPTICOM Splice Modules, Trays and Holders

PANDUIT

Splice trays and stacking units can be used for mechanical or fusion splices. Splice trays include adhesive-back splice-tray holders, cable ties to manage cable, PVC tube to protect buffered fiber and a clear protective cover.

Anixter No.	Vendor No.	Description
351637	FOSMF	Fiber optic splice module, self-stacking, holds 24 fusion splices, for PANDUIT rack-mount enclosure
367266	FOSMM	Fiber optic splice module, self-stacking, holds 12 fusion splices, for PANDUIT rack-mount enclosure
364009	FOSMH4U	Fiber optic splice module holder, 4RU. Holds up to twelve FOSM splice modules. For use with FCE4U fiber cassette enclosure
344670	FSC24	Fiber splice chip protects up to 24 fusion splices
268913	FSTK	Accommodates six mechanical or fusion splices for use with FWME2
268930	FSTHS	Stacking unit holds two FSTKs; for FWME2 wall-mount enclosure only
204256	FST6	Accommodates 12 mechanical or fusion splices for use with FMT Series trays, FMD Series drawers, FWME4 and FMWE8 enclosures
541268	FSTHE	Holds up to four FST6 splice trays. For use with FMT1, FMT2, FMD1 or FMD2
281510	FST24S	Splice tray holds up to 24 mechanical or fusion splices
268962	FST24	Accommodates 24 mechanical or fusion splices for use with FRME3 or FRME4
268963	FST24H3	Stacking unit holds three FST24 trays; for FRME3 or FRME4

QuickNet Angled and Flat Patch Panels

PANDUIT

FEATURES

- Accept QuickNet Preterminated Cassettes, which snap in and out with one hand for quick installation
- Available in 24-port (1RU) standard-density and 48-port (1RU) high-density configurations
- Angled design allows cable to flow to each side of the rack and eliminates the need for horizontal cable managers by enabling patch cords to be routed directly into vertical cable managers
- Proper identification of each port with preprinted numbers above each port; vertical numbering from top to bottom of panel is also available for high-density switch applications

QUICKNET FLAT PATCH PANELS

Anixter No.	Vendor No.	Description
355141	QPP24BL	24-port
351593	QPP48HDBL	48-port, high-density
399232	QPP48HDVNSBL	48-port, high-density with preprinted vertical numbering on each port for switch applications

QUICKNET ANGLED PATCH PANELS

Anixter No.	Vendor No.	Description
368729	QAPP24BL	24-port
361735	QAPP48HDBL	48-port, high-density
399231	QAPP48HDVNSBL	48-port, high-density with preprinted vertical numbering on each port for switch applications

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QuickNet Patch Panel Accessories

PANDUIT

FEATURES

- Patch panel adapter accepts Mini-Com Modules for UTP, fiber optic and audio/video applications
- Blank patch panel adapter reserves space for future use while promoting proper airflow and cooling
- Adapters and blanks easily snap in and out of QuickNet patch panels

Anixter No.	Vendor No.	Description
365915	QPPABL	Patch panel adapter; 6-port patch panel adapter accepts Mini-Com UTP, fiber optic and audio/video modules
362567	QPPBBL	Patch panel blank; reserves space for future use and promotes proper airflow and cooling
246045	SRB19BLY	Cable strain-relief bar supports cables in punch-down or modular patch panel applications
336890	SRBBRKT	Quick-release brackets for strain-relief bars; converts conventional screw mounting of strain-relief bar to quick-release mounting/removal
377865	QPPLC24	Label/label cover kit; for 24-port QuickNet patch panels; kit contains four labels and four clear label covers per bag
323155	RGEJ1057PFY	Equipment jumper kit; includes jumper, bent lug, rack grounding strip, antioxidant paste and thread-forming screws for shielded applications (Recommend two kits for 48-port patch panels)
379125	QPPRT	Removal tool; allows individual cables to be removed from plug pack without disruption of other network connections
379126	QPPLD6-X	Lock-in device; prevents unauthorized removal of cables from the plug pack

QuickNet HDQ Series High-density Fiber Optic Cassettes and Rear Cable Manager

PANDUIT

FEATURES

- Mounts to standard 19 in. rack rails
- Low insertion loss of 0.5 dB max. per optimized cassette and 0.75 dB max. per standard cassette; ensures system meets IEEE 802.3ae max. channel loss specification of $=26$ dB
- Adapter housing colors follow ANSI/TIA-568-C.3 suggested color identification scheme
- Connect together with high-density female MTP cable assemblies as an interconnecting network
- Significantly reduce installation time and labor by eliminating field connector terminations
- Factory terminated, assembled and 100 percent tested
- Insertion loss data provided on every fiber cassette
- Lifetime traceability of test data to a Q.C. number on each fiber cassette
- 10 Gig 50/125 μm fiber cassettes are tested per IEEE 802.3ae 10 GbE to support network transmission speeds up to 10 Gb/s for link lengths up to 300 meters using laser-optimized OM3 fiber, and up to 550 meters using laser-optimized OM4 fiber at 850 nm

Anixter No.	Vendor No.	Description
PAN-F1RBZN-9608-10S	F1RBZN-9608-10S	96-fiber 1RU B-type labeling, 10 Gb OM4 8-fiber MTP to LC, preterminated standard polarity high-density fiber optic cassette
443831	F1RBXN-9608-10S	96-fiber 1RU B-type labeling, 10 Gb OM3 8-fiber MTP to LC, preterminated standard polarity high-density fiber optic cassette
443832	F1RCZN-9612-10S	96-fiber 1RU C-type labeling, 10 Gb OM4 12-fiber MTP to LC, preterminated standard polarity high-density fiber optic cassette
443833	F1RCXN-9612-10S	96-fiber 1RU C-type labeling, 10 Gb OM3 12-fiber MTP to LC, preterminated standard polarity high-density fiber optic cassette
443834	F1ASZN-9612-10S	96-fiber 1RU angled, S-type labeling, 10 Gb OM4 12-fiber MTP to LC, preterminated standard polarity high-density fiber optic cassette

Anixter No.	Vendor No.	Description
443836	F1ASXN-9612-10S	96-fiber 1RU angled, S-type labeling, 10 Gb OM3 12-fiber MTP to LC, preterminated standard polarity high-density fiber optic cassette
417434	FQCRCM	Rear cable manager manages up to one meter for each of sixteen MTP interconnect cables in support of QuickNet SFQ, HDQ, or MTP Cassettes

QuickNet MTP Cassettes

PANDUIT

FEATURES

- Compatible with OPTICOM QuickNet rack-mount fiber cassette enclosures, ORU fiber adapter panel brackets, and wall-mount enclosures; up to 96 fiber connections in 1RU
- Low insertion loss of 0.5 dB max. per optimized cassette and 1.0 dB max. per per standard cassette; ensures system meets IEEE 802.3ae max. channel loss specification of <2.6 dB
- Return loss: >20 dB (multimode), >26 dB (10 Gig multimode), >40 dB (single-mode)
- Connect together with high-density female MTP cable assemblies as interconnecting network segments for deploying a remote or data center location in minutes
- Significantly reduce installation time and labor by eliminating field connector terminations
- Factory terminated, assembled and 100 percent tested
- Insertion loss data provided on every fiber cassette
- Lifetime traceability of test data to a Q.C. number on each fiber cassette
- 10 Gig 50/125 μm fiber cassettes are tested per IEEE 802.3ae 10 GbE to support network transmission speeds up to 10 Gb/s for link lengths up to 300 meters using laser-optimized OM3 fiber, and up to 550 meters using laser-optimized OM4 fiber at 850 nm
- Backward-compatible with all 50/125 μm (OM2) MPO or MTP system requirements

12-FIBER OPTIMIZED CASSETTE

Anixter No.	Vendor No.	Description
363872	FCXO-12-10Y	OM3; six LC duplex adapters to one male MTP, 10 GbE 50/125 μm
428539	FCZO-12-10Y	OM4; six LC duplex adapters to one male MTP, 10 GbE 50/125 μm
355015	FCX-12-10Y	OM3; six LC duplex adapters to one male MTP, 10 GbE 50/125 μm
421776	FCZ-12-10Y	OM4; six LC duplex adapters to one male MTP, 10 GbE 50/125 μm
308572	FCX-24-10Y	OM3; 10 GbE 50/125 μm
327698	FC5-12-10Y	OM2; six LC duplex adapters to one male MTP, 50/125 μm
361739	FC6-12-10Y	OM1; six LC duplex adapters to one male MTP, 62.5/125 μm
348940	FC9-12-10Y	OS1/OS2; six LC duplex adapters to one male MTP, 9/125 μm
328381	FC9-12-3Y	OS1/OS2; six SC duplex adapters to one male MTP, 9/125 μm

24-FIBER OPTIMIZED CASSETTE
Includes 12 LC duplex adapters to two male MTPs.

Anixter No.	Vendor No.	Description
309115	FCXO-24-10Y	OM3; 10 GbE 50/125 μm optimized
428405	FCZO-24-10Y	OM4; 10 GbE 50/125 μm optimized
308572	FCX-24-10Y	OM3; 10 GbE 50/125 μm
428538	FCZ-24-10Y	OM4; 10 GbE 50/125 μm
345905	FC5-24-10Y	OM2; 50/125 μm
328382	FC9-24-10Y	OS1/OS2; 9/125 μm

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QuickNet SFQ Series MTP Fiber Optic Cassettes
PANDUIT

FEATURES

- Compatible with OPTICOM QuickNet Patch Panels for up to 96 fiber connections in 1RU with QuickNet 48-port Angled Patch Panel (QAPP48HDBL)
- Low insertion loss of 0.5 dB max. per optimized cassette and 1.0 dB max. per standard cassette; ensures system meets IEEE 802.3ae max. channel loss specification of <2.6 dB
- Return loss: >20 dB (multimode), >26 dB (10 Gig multimode), >55 dB (single-mode)
- Connect together with high-density female MTP cable assemblies as interconnecting network segments for deploying a remote or data center location in minutes
- Significantly reduce installation time and labor by eliminating field connector terminations
- Factory terminated, assembled and 100 percent tested
- Insertion loss data provided on every fiber cassette
- Lifetime traceability of test data to a Q.C. number on each fiber cassette
- 10 Gig 50/125 μm fiber cassettes are tested per IEEE 802.3ae 10 GbE to support network transmission speeds up to 10 Gb/s for link lengths up to 300 meters using laser-optimized OM3 fiber, and up to 550 meters using laser-optimized OM4 fiber at 850 nm
- Backward-compatible with all 50/125 μm (OM2) MPO or MTP system requirements

12-FIBER CASSETTE
With six LC duplex adapters to one male MTP.

Anixter No.	Vendor No.	Description
393600	FQXO-12-10	OM3, optimized 10 GbE 50/125 μm, method A
428550	FQZO-12-10AS	OM4, optimized 10 GbE 50/125 μm, method A
428554	FQX-12-10	OM3, 10 GbE 50/125 μm, method A
428555	FQZ-12-10	OM4, 10 GbE 50/125 μm, method A
428556	FQ5-12-10	OM2, rear-mount cassette, 50/125 μm
428557	FQ6-12-10	OM1, rear-mount cassette, 62.5/125 μm
428559	FQ9-12-10	OS1/OS2, 9/125 μm

Mini-Com Multimedia/Fiber Surface-mount Boxes
PANDUIT

Mini-Com multimedia/fiber boxes include a unique built-in fiber spool to secure fiber cable in place and allow for optimum flexibility at the workstation outlet. These can be wall-mounted over single-gang, double-gang and DIN-size openings with screws or adhesive. Accept Mini-Com Modules for STP and UTP (including Category 5e and Category 6), fiber optic and audio/video, which snap in and out for easy moves, adds and changes.

FEATURES

- Slots for cable ties
- Tamper-resistant screw for security

SIX MODULE-SPACE

Anixter No.	Vendor No.	Description
188882	CBXF6EI-AY	Electric ivory
521010	CBXF6IW-AY	Off-white
525626	CBXF6IG-AY	International gray
530374	CBXF6WH-AY	White

12 MODULE-SPACE

Anixter No.	Vendor No.	Description
190999	CBXF12EI-AY	Electric ivory
190998	CBXF12IW-AY	Off-white

See PANDUIT Connectors and Adapters section for a list of PANDUIT adapter modules.

## MTP Connector-cleaning Tools

PANDUIT

FEATURES

- All tools feature a dry-cloth cleaning system with an ultra-clean micro-fiber cloth that captures debris and contamination
- Antistatic cloth minimizes additional debris from being attracted to connector surfaces
- Densely woven, robust cloth doesn't fray or leave fibrous materials behind
- Easy-to-install replacement reels are available for reel-type MTP connector cleaning tools (FMTPFCT and FMTPMFCT) for continuous cleaning without the need for tool replacement
- QuickNet Cassette MTP Connector Cleaning Tool is designed to clean MTP connectors inside QuickNet Cassettes, adapters, faceplates or bulkheads
- QuickNet Cassette MTP Connector Cleaning Tool's unique design enables cleaning of male (with pins) or female (without pins) MTP connectors
- All tools and refills can be used to clean 400 MTP or MPO connectors

Anixter No.	Vendor No.	Description
357067	FMTPFCT	Reel type MTP connector-cleaning tool for cleaning MTP female connectors (without pins)
357069	FMTPMFCT	Reel type MTP connector-cleaning tool for cleaning MTP male connectors (with pins)
357066	FIBCCT	QuickNet Cassette MTP connector-cleaning tool for cleaning MTP connectors inside QuickNet Cassettes, adapters, faceplates or bulkheads
428561	FMTPRR6	Cleaning reel refill for FMTPFCT and FMTPMFCT tools, pack of six

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Patch Cords

OPTI-CORE Fiber Optic Patch Cords

PANDUIT
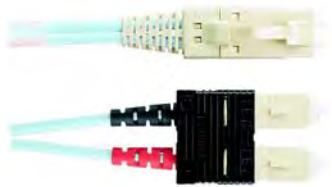
10 Gig MULTIMODE FIBER OPTIC PATCH CORDS AND PIGTAILS 10 GbE 50/125 µm

Patch cords are tested to support network transmission speeds up to 10 Gigabits per second for link lengths up to 300 meters for OM3 and up to 550 meters for OM4 with an 850 nm source per IEEE 803.3ae 10 GbE Standards. Meet or exceed ANSI/TIA-568-B.3 performance requirements. Insertion loss per connection: 0.10 dB typical; 0.30 dB maximum. Backward-compatible for use with all 50/125 system requirements. Factory terminated and 100 percent tested and inspected for optimum performance. Insertion loss data recorded for every multimode patch cord. Lifetime traceability of test data to a Q.C. number on each patch cord. SC duplex patch cords include SC duplex clips to maintain polarity. They have the highest-quality flame-retardant fiber optic cable with tight-buffered coating on each optical fiber. NOTE: Also available in standard 50/125: replace "X" with "5" in part number. Other configurations and lengths available.

MULTIMODE FIBER OPTIC PATCH CORDS AND PIGTAILS - 62.5/125 µm

Pass all ANSI/TIA-568-B.3 performance requirements. Insertion loss per connection: 0.10 dB typical; 0.30 dB maximum. Factory terminated and 100 percent tested for insertion loss; insertion loss data recorded for every multimode patch cord. Lifetime traceability of test data to a Q.C. number on each patch cord. SC duplex patch cords include SC duplex clips to maintain polarity. They have the highest-quality flame-retardant fiber optic cable with tight-buffered coating on each optical fiber. NOTE: Other configurations and lengths available.

SINGLE-MODE FIBER OPTIC PATCH CORDS AND PIGTAILS - 9/125 µm

Pass all ANSI/TIA-568-B.3 performance requirements. 100 percent factory inspected end-face geometry in compliance with Telcordia GR-326-CORE, Issue 3. Typical insertion loss per connection: 0.25 dB; UPC polished (>55 dB return loss); factory terminated and 100 percent tested for insertion loss and return loss; insertion loss and return loss data is recorded for every single-mode patch cord. Lifetime traceability of test data to a Q.C. number on each patch cord.

SC TO SC DUPLEX 10 GIG 50/125 3 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
268780	FXD3-3M1Y	1 meter OM3
268782	FXD3-3M2Y	2 meter OM3
268783	FXD3-3M3Y	3 meter OM3

LC TO LC DUPLEX 10 GIG 50/125 1.6 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
415877	FZE10-10M1	1 meter OM4
415878	FZE10-10M2	2 meter OM4
415879	FZE10-10M3	3 meter OM4
415881	FZE10-10M5	5 meter OM4
415884	FZE10-10M10	10 meter OM4

LC TO LC DUPLEX GIG 50/125 1.6 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
268793	FXE10-10M1Y	1 meter OM3
268794	FXE10-10M2Y	2 meter OM3
268795	FXE10-10M3Y	3 meter OM3
309419	FXE10-10M4Y	4 meter OM3
288398	FXE10-10M5Y	5 meter OM3
309421	FXE10-10M7Y	7 meter OM3
352565	FXE10-10M8Y	8 meter OM3
309422	FXE10-10M10Y	10 meter OM3

SC TO LC DUPLEX 10 GIG 50/125 1.6 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
268797	FXE3-10M1Y	1 meter OM3
268798	FXE3-10M2Y	2 meter OM3
268799	FXE3-10M3Y	3 meter OM3

LC TO LC DUPLEX 50/125 1.6 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
287726	F5E10-10M2Y	2 meter OM2
287728	F5E10-10M3Y	3 meter OM2

LC TO LC DUPLEX 50/125 900 MICRON BUFFERED CABLE

Anixter No.	Vendor No.	Description
288621	FXB10-NM1Y	1 meter OM3

SC TO SC DUPLEX 62.5/125 3 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
520715	F6D3-3M1Y	1 meter OM1
520714	F6D3-3M2Y	2 meter OM1
207162	F6D3-3M3Y	3 meter OM1
225498	F6D3-3M5Y	5 meter OM1

LC TO LC DUPLEX 62.5/125 1.6 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
268800	F6E10-10M1Y	1 meter OM1
268801	F6E10-10M2Y	2 meter OM1
268802	F6E10-10M3Y	3 meter OM1

SC TO LC DUPLEX 62.5/125 1.6 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
268803	F6E3-10M1Y	1 meter OM1
268804	F6E3-10M2Y	2 meter OM1
268805	F6E3-10M3Y	3 meter OM1

ST TO SC DUPLEX 62.5/125 3 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
187398	F6D2-3M2Y	2 meter OM1
207161	F6D2-3M3Y	3 meter OM1

SC TO PIGTAIL 62.5/125 900 MICRON BUFFERED FIBER

Anixter No.	Vendor No.	Description
398249	F6B3-NM2Y	2 meter OM1
398250	F6B3-NM3Y	3 meter OM1

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SC TO PIGTAIL 9/125 900 MICRON BUFFERED FIBER

Anixter No.	Vendor No.	Description
546846	F9B3-NM1Y	1 meter OS1/OS2

LC TO PIGTAIL 9/125 900 MICRON BUFFERED FIBER

Anixter No.	Vendor No.	Description
268806	F9B10-NM1Y	1 meter OS1/OS2

SC TO SC DUPLEX 9/125 3 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
235119	F9D3-3M2Y	2 meter OS1/OS2
235120	F9D3-3M3Y	3 meter OS1/OS2

LC TO LC DUPLEX 9/125 1.6 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
347781	F9E10-10M1Y	1 meter OS1/OS2
268807	F9E10-10M2Y	2 meter OS1/OS2
268808	F9E10-10M3Y	3 meter OS1/OS2
307062	F9E10-10M4Y	4 meter OS1/OS2
287727	F9E10-10M5Y	5 meter OS1/OS2

SC TO LC DUPLEX 9/125 1.6 MM JACKETED CABLE

Anixter No.	Vendor No.	Description
268809	F9E3-10M2Y	2 meter OS1/OS2
268810	F9E3-10M3Y	3 meter OS1/OS2

NETKEY Fiber Optic Patch Cords and Pigtails

PANDUIT

Compliant with TIA/EIA 568-C.3-1 and ISO/IEC 11801, TIA-604-5 (FOCIS-5), and UL 1666 (OFNR) flame rating

Patch cords and pigtails include OM3 fiber or OM1, OM2 or OS1 fiber, in 900 μm tight-buffered fiber, 1.6 mm or 3.0 mm duplex zipcord jacketed cable or 1.8 mm duplex zipcord jacketed cable. 100 percent performance tested assures that patch cords and pigtails are standard compliant. Riser-rated jacket meets UL 1666 (OFNR) flame rating for standard compliant saftey. QC identification label quality control reference provides lifetime traceability of test data.

LC TO LC PATCH CORDS
With riser, duplex (1.6 mm jacket).

Anixter No.	Vendor No.	Description
444071	NKF6ER02L-LM01	OM1
444072	NKF5ER02L-LM01	OM2
444073	NKFXER02L-LM01	OM3
444074	NKF9ER02L-LM01	Single-mode

SC TO LC PATCH CORDS
With riser, duplex (1.6 mm jacket).

Anixter No.	Vendor No.	Description
444067	NKF6ER02S-LM01	OM1
444068	NKF5ER02S-LM01	OM2
444069	NKFXER02S-LM01	OM3
444070	NKF9ER02S-LM01	Single-mode

SC TO SC PATCH CORDS
With riser, duplex (3 mm jacket).

Anixter No.	Vendor No.	Description
444063	NKF6GR02S-SM01	OM1
444064	NKF5GR02S-SM01	OM2
444065	NKFXGR02S-SM01	OM3
444066	NKF9GR02S-SM01	Single-mode

ST TO SC PATCH CORDS
With riser, duplex (3 mm jacket).

Anixter No.	Vendor No.	Description
444059	NKF6GR022-SM01	OM1
444060	NKF5GR022-SM01	OM2
444061	NKFXGR022-SM01	OM3
444062	NKF9GR022-SM01	Single-mode

ST TO ST PATCH CORDS
With riser, duplex (3 mm jacket).

Anixter No.	Vendor No.	Description
444054	NKF6GR022-2M01	OM1
444055	NKF5GR022-2M01	OM2
444056	NKFXGR022-2M01	OM3
444057	NKF9GR022-2M01	Single-mode

LC PIGTAILS
With simplex and 900 μm buffered fiber.

Anixter No.	Vendor No.	Description
444045	NKF6BN011-NM01	OM1
444044	NKF5BN011-NM01	OM2
444042	NKFXBN011-NM01	OM3
444043	NKF9BN011-NM01	Single-mode

SC PIGTAILS
With simplex and 900 μm buffered fiber.

Anixter No.	Vendor No.	Description
444040	NKF6BN013-NM01	OM1
444038	NKF5BN013-NM01	OM2
433585	NKFXBN013-NM01	OM3
433581	NKF9BN013-NM01	Single-mode

ST PIGTAILS
With simplex and 900 μm buffered fiber.

Anixter No.	Vendor No.	Description
444046	NKF6BN012-NM01	OM1
444048	NKF5BN012-NM01	OM2
444049	NKFXBN012-NM01	OM3
444050	NKF9BN012-NM01	Single-mode

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Connectors

XLR8 Mechanical Splice Connectors

SIEMON COMPANY

Combined with pre-polished XLR8 mechanical splice connectors, the patent-pending XLR8 activation tool can be used to deploy unsurpassed termination speed and quality. Available in both LC and SC configurations, the XLR8 mechanical splice connectors support both the multimode and single-mode versions of Siemon's 10 Gbps XGLO and Gigabit-ready LightSystem solutions. The XLR8 termination kit incorporates an exclusive dual-process activation tool which dramatically reduces termination time per connector. This process is intended for use with 900 μm tight buffered fiber cables. Replacement activation tool and cleaver are available to order separately.

LC AND SC CONNECTORS

Anixter No.	Vendor No.	Description
384698	FC1M-LC-5L-B12	LC simplex, 50/125 μm laser optimized, aqua boot (XGLO)
384697	FC1M-LC-6MM-B80	LC simplex, 62.5/125 μm multimode, beige boot (LightSystem)
384699	FC1M-LC-SM-B06	LC simplex, single-mode, blue boot (XGLO and LightSystem)
384695	FC1M-SC-5L-B12	SC simplex, 50/125 μm laser optimized, aqua boot (XGLO)
384694	FC1M-SC-6MM-B80	SC simplex, 62.5/125 μm multimode, beige boot (LightSystem)
384696	FC1M-SC-SM-B06	SC simplex, single-mode, blue boot (XGLO and LightSystem)

TERMINATION KIT

Kit includes: XLR8 activation tool, precision cleaver, jacket stripper, buffer stripper, scissors, strip template, marker, alcohol pads, electrical tape and carrying case.

Anixter No.	Vendor No.	Description
384700	FTERM-XLR8	XLR8 fiber termination kit

Epoxy Polish Connectors

SIEMON COMPANY

LC SIMPLEX CONNECTORS

Siemon LC products offer all the benefits of SC and ST connections in a small-form-factor (SFF), high-density design. LC adapter products are compatible with the popular MAX, CT, FOB and SM work area and telecommunications room products, providing a wide variety of installation options. LC connectors take just two minutes to terminate, using the Siemon LightSpeed Termination Kit.

Anixter No.	Vendor No.	Description
263625	FC1-LC-MM-B80	Multimode, buffered fiber, white boot
252970	FC1-LC-SM-B02	Single-mode, buffered fiber, white boot

SC DUPLEX CONNECTORS

SC duplex connectors have a duplexing clip, which allows each connector to be removed individually. In the event fiber polarity is reversed during termination, simply remove connectors from the clip and switch to correct the mistake, saving installation time and money. In the event there is a fault with a single connection, an individual connector can be removed from the clip and re-terminated without disturbing the adjacent connector. SC simplex connectors employ an outer housing that is color coded in accordance with ANSI/TIA-568-B.3 and ISO/IEC 11801 Ed 2.0 requirements (beige for multimode and blue for single-mode).

Anixter No.	Vendor No.	Description
207826	FC2-SC-MM-B80	Multimode, buffered fiber, two beige boots
545680	FC2-SC-SM-B06	Single-mode, buffered fiber, two blue boots

SC SIMPLEX CONNECTORS

Anixter No.	Vendor No.	Description
245581	FC1-SC-MM-B80	Multimode, buffered fiber, beige boot
264886	FC1-SC-SM-B06	Single-mode, buffered fiber, blue boot

ST CONNECTORS

The ST connector employs a rugged metal bayonet coupling ring with radial ramps which facilitate engagement to the studs of the mating adapter.

Anixter No.	Vendor No.	Description
210771	FC1-SA-MM-B80	Multimode, buffered fiber, beige boot

ACCESSORIES

Anixter No.	Vendor No.	Description
231327	FTERM-L2	LightSpeed termination kit for SC and ST multimode connectors; (consumables sold separately)
271729	FTERM-LC	LC fiber termination upgrade kit (used in conjunction with FTERM-L2)
267547	FT-CKIT-L2	Consumables kit for FTERM-L2

NOTE: Bulk packs also available for fiber connectors.
Add "-B" to the end of part number for bulk pack.

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Fiber Solutions

Hardware

Rack-mount Interconnect Center (RIC3)

SIEMON COMPANY

The Rack-mount Interconnect Center (RIC3) provides high-density fiber management and distribution for six to 288 fibers on a 19 or 23 in. rack. Fiber entry is made available on both sides, at the front and the rear of the enclosure. Optional splice trays can be mounted in the rear of the unit where slack storage is available and optimum bend radius can be maintained. Plenty of space is provided for effective administration in front of the unit to organize jumpers exiting from each 6-, 8- or 12-port snap-in Quick-Pack adapter plate. Enclosures are black.

RACK-MOUNT ENCLOSURE
Use with flat Quick-Pack adapter plates (see table below); all enclosures have locks.

Anixter No.	Vendor No.	Description
261120	RIC3-24-01	24- to 96-port enclosure, 2U, holds four Quick-Pack adapter plates
256003	RIC3-36-01	36- to 144-port enclosure, 2U, holds six Quick-Pack adapter plates
261118	RIC3-48-01	48- to 192-port enclosure, 3U, holds eight Quick-Pack adapter plates
261119	RIC3-72-01	72- to 288-port enclosure, 4U, holds 12 Quick-Pack adapter plates

FLAT QUICK-PACK ADAPTER PLATES

Anixter No.	Vendor No.	Description
221810	RIC-F-SA6-01	Three duplex ST adapters (six fibers) with icon pockets, black
221812	RIC-F-SC6-01	Three duplex SC adapters (six fibers) with icon pockets, black
241617	RIC-F-SA12-01	Six duplex ST adapters (12 fibers), black
221814	RIC-F-SC12-01	Six duplex SC adapters (12 fibers), black
270398	RIC-F-LC24-01	Six quad LC adapters (24 fibers), beige
542622	RIC-F-BLNK-01	Blank adapter plate, black
252251	RIC-F-LC12-01	Six duplex LC adapters (12 fibers), beige adapters
312583	RIC-F-LCU24-01C	Six quad, LC adapters (24 fibers), blue adapters

Fiber Connect Panel (FCP3)

SIEMON COMPANY

The Fiber Connect Panel rack-mount enclosure economically connects, protects and manages up to 72 fibers within one rack-mount space (RMS). The FCP3-DWR makes access to the connections easy via a tray that slides out the front or the rear. Includes mounting brackets, housing/tray, fiber managers, grommets, label holders and labels. Use with flat Quick-Pack adapter plates. Color: black. This is 6- to 72-port Fiber Connect Panel.

Anixter No.	Vendor No.	Description
230636	FCP3-DWR	With sliding tray
230637	FCP3-RACK	With fixed tray

Wall-mount Interconnect Center (SWIC3)

SIEMON COMPANY

The SWIC3 wall-mount enclosures are designed for locations where wall space is limited while still providing many of the popular, installer-friendly features. Also included are dustproofing grommets to provide protection from contaminants and bend-radius guides to ensure optimal storage of fiber slack. Both enclosures are black.

SWIC3: 24- TO 96-PORT
Use with four flat Quick-Pack adapter plates.

Anixter No.	Vendor No.	Description
231878	SWIC3-A-01	With lock
231741	SWIC3G-AA-01	With lock and integrated jumper guard

MINI SWICS
Use with two flat Quick-Pack adapter plates.

Anixter No.	Vendor No.	Description
231297	SWIC3-M-01	12- to 48-port

Fiber Outlet Box (FOB2)

SIEMON COMPANY

Siemon's low-profile Fiber Outlet Box (FOB2) allows mounting onto either single- or double-gang outlet boxes. The unique design allows the snap-on cover to be removed to access fiber connections without disturbing the faceplate connections. Molded-in icon pockets and designation label holders permit port identification with use of color-coded, snap-on icons.

FEATURES

- Low profile
- Color-coded snap-on icons

FIBER OUTLET BOX

Includes base, cover, designation labels, clear label covers, mounting hardware, cable ties, icons and three blank bezels - white.

Anixter No.	Vendor No.	Description
232904	FOB2-02	Information outlet box

FIBER INSERTS

Anixter No.	Vendor No.	Description
249163	FOB-BZL-SA-01	Duplex ST adapter
535834	FOB-BZL-SC-01	Duplex SC adapter
312577	FOB-BZL-LC-01	Duplex LC adapter

Fiber Solutions

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XGLO and LightSystem Jumpers

SIEMON COMPANY

Part of Siemon's 10G ip cabling solution, XGLO fiber optic cable assemblies are ideal for next-generation backbone or fiber-to-the-desk applications. XGLO cable assemblies feature premium fiber that meets the IEEE 802.3 10 Gigabit Ethernet Standard as well as IEC-60793-2-10 and ANSI/TIA-492AAAC specifications for laser bandwidth Differential Mode Delay (DMD) specifications. In addition, these assemblies offer a superior connector polish that exceeds all ANSI/TIA and ISO/IEC insertion and return loss requirements. LightSystem assemblies provide robust Gigabit Ethernet support.

XGLO SINGLE-MODE DUPLEX JUMPERS

These precision cable assemblies are warranted for 20 years and ensure optimum applications support for 10 Gigabit Ethernet serial transmission when installed in a qualified XGLO system. SC, LC and LC-SC hybrids available.

Anixter No.	Vendor No.	Description
285873	FJ2-LCULCUL-01	LC-LC, laser-optimized, 1 meter
285874	FJ2-LCULCUL-03	LC-LC, laser-optimized, 3 meter
271660	FJ2-SCUSCUL-01	SC-SC, laser-optimized, 1 meter
255349	FJ2-SCUSCUL-03	SC-SC, laser-optimized, 3 meter

XGLO 50/125 MULTIMODE DUPLEX JUMPERS
Color: aqua

Anixter No.	Vendor No.	Description
312690	FJ2-LCLC5L-01AQ	LC-LC, laser-optimized, 1 meter
312691	FJ2-LCLC5L-02AQ	LC-LC, laser-optimized, 2 meter
312692	FJ2-LCLC5L-03AQ	LC-LC, laser-optimized, 3 meter
312686	FJ2-SCSC5L-01AQ	SC-SC, laser-optimized, 1 meter
312687	FJ2-SCSC5L-02AQ	SC-SC, laser-optimized, 2 meter
312688	FJ2-SCSC5L-03AQ	SC-SC, laser-optimized, 3 meter

LIGHTSYSTEM 50/125 MULTIMODE DUPLEX JUMPERS

Anixter No.	Vendor No.	Description
256274	FJ2-LCLC5MM-01	LC-LC duplex jumper, 50/125 orange, 1 meter
278608	FJ2-LCLC5MM-02	LC-LC duplex jumper, 50/125 orange, 2 meter
256275	FJ2-LCLC5MM-03	LC-LC duplex jumper, 50/125 orange, 3 meter
266767	FJ2-SCSC5MM-01	SC-SC duplex jumper, 50/125 orange, 1 meter
285819	FJ2-SCSC5MM-02	SC-SC duplex jumper, 50/125 orange, 2 meter
231863	FJ2-SCSC5MM-03	SC-SC duplex jumper, 50/125 orange, 3 meter

Indoor/Outdoor Single Loose-tube Multimode Cable - Riser

TE CONNECTIVITY

FEATURES

- High-performance single-mode and multimode fibers meet all industry performance standards
- ANSI/TIA color-coded fibers for easy identification
- Gel-filled buffer tubes and water-swellable yarns for water penetration protection
- Small-diameter, single-tube construction saves space inside ducts
- Flame-retardant, UV-protected jacket for harsh outdoor environments
- Hybrid cables provide built-in upgrade for future applications that will require single-mode fibers
- UL and C(UL) Listed OFNR (riser)
- Compatible with AMP NETCONNECT splitter kits
- Designed and tested in accordance with ANSI/TIA-568-B, ICEA S-104-696, Telcordia GR-409-CORE, GR-20-CORE, IEC 60793-1/60794-1 and ISO/IEC 11801:2000
- Also available in 4- to 144-fiber counts
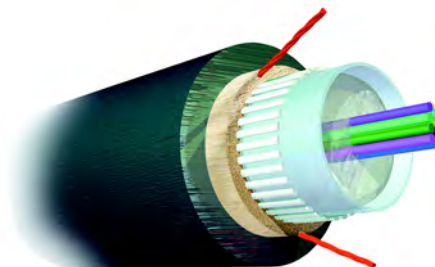
APPLICATIONS

Outdoor-to-indoor cable links without the need for a building entrance splice point
Intrabuilding links in a campus environment (ducted)
Aerial links (when used with a messenger strand)
Local loop and feeder networks
Outdoor areas with intermittent flooding or moisture
Environments with severe temperature fluctuations
Drop or service cables

OM1 62.5/125 MULTIMODE NON-NEC RATED JACKET: MDPE (MEDIUM-DENSITY POLYETHYLENE)

Maximum attenuation: 3.5/1.2 dB/km (850/1300 nm); OFL bandwidth: 200/500 MHz•km (850/1300 nm); guaranteed Gigabit Ethernet distance: 300/550 m (850/1300 nm)

| | | | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-AMPOM1-LTRD-06	6-1553374-1	6	0.33	8.5	300	1335	90	400	6.7	17.0	3.4	8.5
373-AMPOM1-LTRD-12	6-1553378-1	12	0.33	8.5	300	1335	90	400	6.7	17.0	3.4	8.5
373-AMPOM1-LTRD-24	6-1553380-1	12	0.51	12.9	600	2670	200	890	10.2	17.0	5.1	8.5

OM2 50/125 MULTIMODE

Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm); OFL bandwidth: 500/500 MHz•km (850/1300 nm); guaranteed Gigabit Ethernet distance: 600/600 m (850/1300 nm)

| | | | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-AMPOM2-LTRD-06	6-1553374-2	6	0.33	8.5	300	1335	90	400	6.7	17.0	3.4	8.5
373-AMPOM2-LTRD-12	6-1553378-2	12	0.33	8.5	300	1335	90	400	6.7	17.0	3.4	8.5
373-AMPOM2-LTRD-24	6-1553380-2	12	0.51	12.9	600	2670	200	890	10.2	17.0	5.1	8.5

OM3 XG 50/125 MULTIMODE

Maximum attenuation: 3.5/1.2 dB/km (850/1300 nm); OFL bandwidth: 1500/500 MHz•km (850/1300 nm); guaranteed Gigabit Ethernet distance: 1,000/600 m (850/1300 nm)

| | | | Cable O.D. | | Max. Tensile Load | | | | Min. Bend Radius | | | |
| | | | | | Installation | | Long Term | | Installation | | Long Term | |
Anixter No.	Vendor No.	No. of Fibers	(in.)	(mm)	(lb.)	N	(lb.)	N	(in.)	(cm)	(in.)	(cm)
373-AMPOM3-LTRD-06	6-1553374-4	6	0.33	8.5	300	1335	90	400	6.7	17.0	3.4	8.5
373-AMPOM3-LTRD-12	6-1553378-4	12	0.33	8.5	300	1335	90	400	6.7	17.0	3.4	8.5
373-AMPOM3-LTRD-24	6-1553380-4	12	0.51	12.9	600	2670	200	890	10.2	17.0	5.1	8.5

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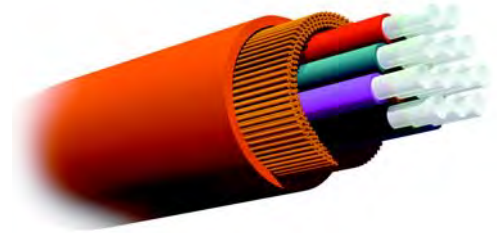1.800.ANIXTER • anixter.com

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Fiber Solutions

Premise Distribution Multimode Cable - Riser

TE CONNECTIVITY

FEATURES

- Suitable for horizontal and intrabuilding backbone cabling and for direct termination in multiuser outlets
- Suitable for direct termination with epoxy/polish type, LightCrimp, LightCrimp Plus and MT-RJ connectors
- High-performance single-mode and multimode fibers meet all industry performance standards
- Strippable 900 μm, tight-buffer coating allows for easy connectorization
- ANSI/TIA color-coded fibers for easy identification
- Hybrid cables provide a built-in upgrade for future applications that will require single-mode fibers
- UL and C(UL) Listed OFNR (riser)
- Designed and tested in accordance with ANSI/TIA-568-B, Telcordia GR409-CORE, IEC 793-1/794-1, IECA-596 and ISO/IEC 11801:2000

OM1 62.5/125 MULTIMODE

Maximum attenuation: 3.5/1.2 dB/km (850/1300 nm); OFL bandwidth: 200/500 MHz•km (850/1300 nm); guaranteed Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-AMPOM1-TBD-06	1-1553307-1	6	0.20	5.2	150	660	45	198	4.5	11.4	2.2	5.5
371-AMPOM1-TBD-12	1-1553311-1	12	0.24	6.0	150	660	45	198	5.0	12.8	2.5	6.3
371-AMPOM1-TBD-24	1-1553313-1	24	0.31	8.0	300	1320	90	396	7.0	17.8	3.5	7.1

OM2 50/125 MULTIMODE

Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm); OFL bandwidth: 500/500 MHz•km (850/1300 nm); guaranteed Gigabit Ethernet distance: 550/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-AMPOM2-TBD-06	1-1553307-2	6	0.20	5.2	150	660	45	198	4.5	11.4	2.2	5.5
371-AMPOM2-TBD-12	1-1553311-2	12	0.24	6.0	150	660	45	198	5.0	12.8	2.5	6.3
371-AMPOM2-TBD-24F	1-1553313-2	24	0.31	8.0	300	1320	90	396	7.0	17.8	3.5	7.1

OM3 XG 50/125 MULTIMODE

Maximum attenuation: 3.2/1.2 dB/km (850/1300 nm); OFL bandwidth: 1500/500 MHz•km (850/1300 nm); guaranteed Gigabit Ethernet distance: 800/550 m (850/1300 nm); 10 Gigabit Ethernet distance: 300/300 m (850/1300 nm)
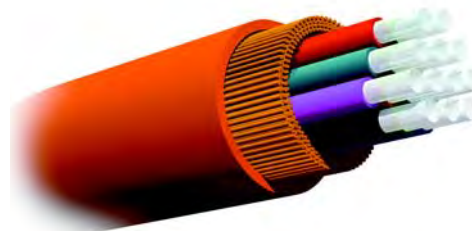
Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-AMPOM3-TBD-06	3-1553307-9	6	0.20	5.2	150	660	45	198	4.5	11.4	2.2	5.5
371-AMPOM3-TBD-12	3-1553311-9	12	0.24	6.0	150	660	45	198	5.0	12.8	2.5	6.3
371-AMPOM3-TBD-24F	3-1553313-9	24	0.31	8.0	300	1320	90	396	7.0	17.8	3.5	7.1

OM4 XG 50/125 MULTIMODE

Maximum attenuation: 3.2/1.2 dB/km (850/1300 nm); OFL bandwidth: 3500/500 MHz•km (850/1300 nm); guaranteed Gigabit Ethernet distance: 800/550 m (850/1300 nm); 10 Gigabit Ethernet distance: 550/300 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
371-AMPOM4-TBD-06	4-1553307-9	6	0.20	5.2	150	660	45	198	4.5	11.4	2.2	5.5
371-AMPOM4-TBD-12	4-1553311-9	12	0.24	6.0	150	660	45	198	5.0	12.8	2.5	6.3
371-AMPOM4-TBD-24	4-1553313-9	24	0.31	8.0	300	1320	90	396	7.0	17.8	3.5	7.1

Premise Distribution Multimode Cable - Plenum

TE CONNECTIVITY

FEATURES

- Suitable for horizontal and intrabuilding backbone cabling and for direct termination in multi-user outlets
- Suitable for direct termination with epoxy/polish type, LightCrimp, LightCrimp Plus and MT-RJ connectors
- High-performance single-mode and multimode fibers meet all industry performance standards
- Strippable 900 μm, tight-buffer coating allows for easy connectorization
- ANSI/TIA color-coded fibers for easy identification
- Hybrid cables provide a built-in upgrade for future applications that will require single-mode fibers
- UL and C(UL) Listed OFNP (plenum)
- Designed and tested in accordance with ANSI/TIA-568-B, Telcordia GR409-CORE, IEC 793-1/794-1, IECA-596 and ISO/IEC 11801:2000
- Also available in 8-, 24-, 36-, 48- and 72-fiber counts

OM1 62.5/125 MULTIMODE

Maximum attenuation: 3.5/1.2 dB/km (850/1300 nm); OFL bandwidth: 200/500 MHz•km (850/1300 nm); guaranteed Gigabit Ethernet distance: 300/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-AMPOM1-TBD-06	1-1553308-1	6	0.19	4.8	100	440	30	132	4.3	10.9	2.2	5.5
370-AMPOM1-TBD-12	1-1553312-1	12	0.23	5.7	100	440	30	132	5.0	12.8	2.5	6.3
370-AMPOM1-TBD-24	1-1553314-1	24	0.30	7.8	150	660	45	198	6.6	14.2	3.3	7.1

OM2 50/125 MULTIMODE

Maximum attenuation: 3.5/1.5 dB/km (850/1300 nm); OFL bandwidth: 500/500 MHz•km (850/1300 nm); guaranteed Gigabit Ethernet distance: 550/550 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-AMPOM2-TBD-06	1-1553308-2	6	0.19	4.8	100	440	30	132	4.3	10.9	2.2	5.5
370-AMPOM2-TBD-12	1-1553312-2	12	0.23	5.7	100	440	30	132	5.0	12.8	2.5	6.3
370-AMPOM2-TBD-24	1-1553314-2	24	0.30	7.8	150	660	45	198	6.6	14.2	3.3	7.1

OM3 XG 50/125 MULTIMODE

Maximum attenuation: 3.2/1.2 dB/km (850/1300 nm); OFL bandwidth: 1500/500 MHz•km (850/1300 nm); guaranteed Gigabit Ethernet distance: 800/550 m (850/1300 nm); 10 Gigabit Ethernet distance: 300/300 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-AMPOM3-TBD-06	3-1553308-9	6	0.19	4.8	100	440	30	132	4.3	10.9	2.2	5.5
370-AMPOM3-TBD-12	3-1553312-9	12	0.23	5.7	100	440	30	132	5.0	12.8	2.5	6.3
370-AMPOM3-TBD-24	3-1553314-9	24	0.30	7.8	150	660	45	198	6.6	14.2	3.3	7.1

OM4 XG 50/125 MULTIMODE

Maximum attenuation: 3.2/1.2 dB/km (850/1300 nm); OFL bandwidth: 3500/500 MHz•km (850/1300 nm); guaranteed Gigabit Ethernet distance: 800/550 m (850/1300 nm); 10 Gigabit Ethernet distance: 550/300 m (850/1300 nm)

Anixter No.	Vendor No.	No. of Fibers	Cable O.D. (in.)	(mm)	Max. Tensile Load Installation (lb.)	N	Long Term (lb.)	N	Min. Bend Radius Installation (in.)	(cm)	Long Term (in.)	(cm)
370-AMPOM4-TBD-06	4-1553308-9	6	0.19	4.8	100	440	30	132	4.3	10.9	2.2	5.5
370-AMPOM4-TBD-12	4-1553312-9	12	0.23	5.7	100	440	30	132	5.0	12.8	2.5	6.3
370-AMPOM4-TBD-24	4-1553314-9	24	0.30	7.8	150	660	45	198	6.6	14.2	3.3	7.1

Fiber Solutions

Connectors and Adapters

LightCrimp Plus Connectors

TE CONNECTIVITY

LightCrimp Plus Connectors use patented TE Connectivity splice-and-crimp technology to make fiber optic termination a quick, clean and simple mechanical process. Limited training is required, combined with a reduced number of tools and no consumables. With LightCrimp Plus you can terminate fibers without the "epoxies," ovens or ultraviolet curing processes used in conventional terminations. LC SECURE plugs have all the features and benefits of standard LC plugs but in addition offer 10 different color-coded and keyed plugs that limit access to secure networks. LC SECURE plugs will mate only with same-color LC SECURE adapters. LC Secure adapters snap into SL Series faceplates and patch panels.

Anixter No.	Vendor No.	Description
421105	5492642-2	ST-style LightCrimp Plus connector, 62.5/125 μm multimode, ceramic ferrule, black bend limiting and black 900 μm bare buffer boots
330927	6278082-1	ST-style LightCrimp Plus connector, 50/125 μm multimode, ceramic ferrule, black bend limiting and black 900 μm bare buffer boots
327834	5492643-1	SC simplex LightCrimp Plus connector, 62.5/125 μm multimode, ceramic ferrule, beige housing, beige 900 μm bare buffer and beige 3.0 mm loose-jacketed boots
326846	6278079-1	SC simplex LightCrimp Plus connector, 50/125 μm multimode, ceramic ferrule, beige housing, beige 900 μm bare buffer and beige 3.0 mm loose-jacketed boots
331352	6278009-1	SC duplex LightCrimp Plus connector, 62.5/125 μm multimode, ceramic ferrule, beige housing, beige 900 μm bare buffer and beige 3.0 mm loose-jacketed boots
328610	6278080-2	SC duplex LightCrimp Plus connector, 50/125 μm multimode, ceramic ferrule, beige housing, beige 900 μm bare buffer and black 3.0 mm loose-jacketed boots
336601	6693278-1	SC duplex, single-mode LightCrimp Plus connector, ceramic ferrule, beige housing

Anixter No.	Vendor No.	Description
332926	6693276-1	SC simplex, single-mode LightCrimp Plus connector, ceramic ferrule, beige housing
343027	6754482-1	LC simplex, single-mode LightCrimp Plus connector, 900/250 μm, blue housing
330939	6754483-1	LC simplex, multimode LightCrimp Plus connector, 62.5/125, 900/250 μm, beige housing
332949	6754483-2	LC simplex, multimode LightCrimp Plus connector, 50/125, 900/250 μm, beige housing
380741	6754483-4	LC simplex, multimode LightCrimp Plus connector, 50/125, 900/250 μm, beige housing, aqua boot
444387	1985374-1	LightCrimp splice, MM/SM, 250-900 μm
444388	1985805-1	LightCrimp splice, MM/SM, 2.00 mm jacketed
444389	1985771-1	LightCrimp splice termination holder

Oven-cure Epoxy Connectors

TE CONNECTIVITY

Technical Information & Standards
SC CONNECTORS:
Epoxy, polish-type connectors
Two-piece connectors are tunable
Preradiused ferrules
Durability of multimode connectors: 500 cycles
Durability of single-mode connectors: 200 cycles
Operate in temperatures ranging from -40°C to +85°C

ST-STYLE CONNECTORS:
Epoxy, polish-type connectors
Preradiused ferrules
Maximum jacket diameter: 3.0 mm
Durability of multimode connectors: 500 cycles
Durability of single-mode connectors: 200 cycles
Operate in temperatures ranging from -20°C to +75°C

Connectors and Adapters

ST-STYLE CONNECTORS

Anixter No.	Vendor No.	Description
329059	5501380-1	Zirconia ceramic, preradiused, multimode, fiber O.D.: 125 micron, max. jacket O.D.: 3.0 mm, long and bare buffer black boot
323571	5501380-6	Zirconia ceramic, preradiused, multimode, fiber O.D.: 140 micron, max. jacket O.D.: 3.0 mm, long and short black boot
326175	5502579-2	Zirconia ceramic, preradiused, single-mode, fiber O.D.: 126 micron, maximum jacket O.D.: 3.0 mm, long yellow boot

SC SIMPLEX CONNECTORS

Anixter No.	Vendor No.	Description
326554	5503948-1	Zirconia ceramic, multimode, fiber O.D.: 125 micron, max. jacket O.D.: 3.0 mm, short black boot
331269	5504646-1	Zirconia ceramic, single-mode, fiber O.D.: 126 micron, max. jacket O.D.: 3.0 mm, short and bare buffer blue boot

LC SIMPLEX CONNECTORS

Anixter No.	Vendor No.	Description
398193	1918384-1	Zirconia metal, single-mode, blue housing, 900 μm buffer termination
387303	1918385-1	Zirconia metal, multimode, beige housing, 900 μm buffer termination

LC DUPLEX CONNECTORS

Anixter No.	Vendor No.	Description
398194	1918387-1	Zirconia metal, single-mode, blue housing, 900 μm buffer termination

TOOLS AND ACCESSORIES

Anixter No.	Vendor No.	Description
124277	503746-1	Installation tool kit. Must add epoxy and microscope. 24-hour epoxy kit
333403	1918652-1	Epoxy - general purpose
134143	502306-1	Consumables kit (100 connectors)

MT-RJ and MT-RJ Secure Jacks

TE CONNECTIVITY

MT-RJ jacks are no-epoxy, no-polish, no-crimp fiber optic jacks that can be reterminated. MT-RJ jacks by design eliminate the need for a separate coupler and are compliant with ANSI/TIA, ISO/IEC and CENELEC requirements. MT-RJ Outlet Jacks come with bend-limiting boot and SL series-compatible housing so they can be snapped into AMP NETCONNECT faceplates. MT-RJ Patch Panel Jacks can be terminated and installed into an AMP NETCONNECT Snap-In Adapter Plate for use with AMP NETCONNECT Fiber Optic Enclosures. MT-RJ SECURE Jacks have all the features and benefits of standard MT-RJ jacks but in addition offer 10 different color-coded, keyed jacks that limit access to secure networks. MT-RJ, SC, LC and ST cable assemblies are available in all colors and lengths.

MT-RJ WORK AREA OUTLET JACK

Anixter No.	Vendor No.	Description
332530	6278414-1	50/125 μm - almond housing and black jack
255216	6278414-2	50/125 μm - black housing and jack
255217	6278811-1	50/125 μm - SECURE keyed, red housing and jack
331730	6278415-1	62.5/125 μm - almond housing and beige jack
245129	6278415-2	62.5/125 μm - black housing and beige jack
245130	6278415-3	62.5/125 μm - white housing and beige jack
255218	6278810-1	62.5/125 μm - SECURE keyed, red housing and jack
318948	6278810-2	62.5/125 μm - SECURE keyed, yellow housing and jack
257185	6278810-3	62.5/125 μm - SECURE keyed, green housing and jack
331303	6278810-4	62.5/125 μm - SECURE keyed, blue housing and jack

MT-RJ PATCH PANEL JACK

Anixter No.	Vendor No.	Description
332919	6278303-1	50/125 μm, 250 μm, pack of six, black
326575	6588880-1	50/125 μm, 900 μm, pack of six, black
336506	6278303-2	62.5/125 μm, 250 μm, pack of six, beige
329080	6588880-2	62.5/125 μm, 900 μm, pack of six, beige

TE Connectivity Modular Adapters

TE CONNECTIVITY

Compatible with TE Connectivity's modular faceplates, surface-mount boxes, modular furniture faceplates and modular patch panels, these adapters offer the versatility of a plug-and-play system. The TE Connectivity modular adapters do not fit in 2-port or 4-port surface-mount boxes. They should be used with a faceplate extender and a flush-mount faceplate.

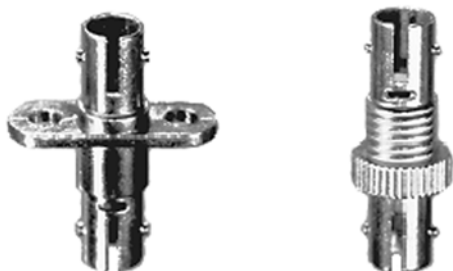| Anixter No.	Vendor No.	Description
184805	6645 1 167-01	White, with metal adapter sleeve
184815	6645 1 169-01	White, with ceramic adapter sleeve
160880	6645 1 158-01	White, with phosphor bronze adapter sleeve
246157	6645 1 172-01	LC duplex modular keystone adapter (multimode), phosphor bronze insert

SC, SC duplex, ST, FC and LC duplex connectors and adapters also available.

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Hardware

ST or ST-type Couplers

TE CONNECTIVITY

Threaded mounting style

Anixter No.	Vendor No.	Description
146403	504021-1	ST-ST simplex metal sleeve single-mode metal housing, nickel-plated zinc, metal
109714	501381-1	ST-ST simplex polymer sleeve multimode metal housing, nickel-plated zinc, composite plastic

Snap-in Adapter Plates for AMP Fiber Hardware

TE CONNECTIVITY

Adapter plates for rack-mount enclosures. Color: black.

SINGLE-MODE
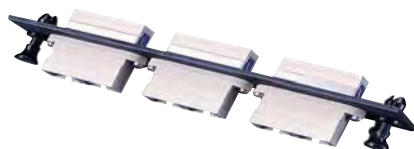
Anixter No.	Vendor No.	Description
198509	1374463-1	Duplex LC, 12 fiber
344291	1435516-1	Duplex LC, 24 fiber
542383	559558-2	Duplex SC, six fiber
198521	559515-2	Simplex ST, six fiber

MULTIMODE

Anixter No.	Vendor No.	Description
198510	1374463-3	Duplex LC, 12 fiber
198511	1435516-2	Duplex LC, 24 fiber
378465	1374463-5	Duplex LC, 12 fiber, OM3
391330	1435516-5	Duplex LC, 24 fiber, OM3
314682	559517-3	Simplex SC, six fiber
246464	559558-1	Duplex SC, six fiber
198524	559596-1	Duplex SC, 12 fiber
421307	559596-6	Duplex SC, 12 fiber, OM3
195973	559557-1	Simplex ST, six fiber

SINGLE-MODE AND MULTIMODE

Anixter No.	Vendor No.	Description
209528	1278328-3	MT-RJ, 12 fiber
473660	1374598-1	6-port MPO

Rack-mount Fiber Optic Enclosures

TE CONNECTIVITY

The AMP optical fiber termination enclosures are designed for MDF, IDF or wiring-closet applications when an equipment rack mounting is desired. These enclosures house virtually all of the industry-standard connectors by field-installing the connector panel and adapters of choice. Cable tie-down bars as well as grounding clamps are included for support and strain relief of the incoming cables. Proper bend radius for the fiber can be maintained both behind and in front of the connector-panel bulkhead. Jumpers exit in front, to the side or in back, through an opening in the bulkhead plate. The enclosures fit into 19 in. or 23 in. racks.

Anixter No.	Vendor No.	Description
367659	1-1657014-7	18- to 72-port, 1 rms, unloaded, holds three adapter plates, black with clear cover
198517	559542-2	24- to 96-port, 2 rms, unloaded, holds four adapter plates, black
198518	559614-2	48- to 192-port, 3 rms, unloaded, holds eight adapter plates, black
198281	559552-1	72- to 288-port, 4 rms, unloaded, holds 12 adapter plates, black

Add connector panels.

FL2000 Fiber Termination Panels

TE CONNECTIVITY

The economical and flexible FL2000 series of fiber optic products is ideal for small fiber counts and can be used in moderate-fiber-count applications, as well, by combining various panels. This leading fiber optic panel is now available in black.

FEATURES

- 19 in. (48.26 cm) EIA rack or cabinets, standard 5 in. (12.7 cm) recess
- Wall-mounting option available
- Other mounting kits available
- Hinged on left front side; allows full access to rear of front plate and interior of panel
- FL2000 6-pack adapter plug-ins ordered separately
- Constructed of high-strength aluminum
- Equipped with removable metal doors with plexiglass windows
- Designation labels included with each panel
- Complete line of accessories, including locks for security

APPLICATIONS

For rack- or wall-mount applications where there is limited rear access

TERMINATION PANELS

Anixter No.	Vendor No.	Description
283719	FL2-12RPNL-B	12-position
223298	FL2-24RPNL-B	24-position
283720	FL2-48RPNL-B	48-position
283722	FL2-72RPNL-B	72-position
283721	FL2-96RPNL-B	96-position

TERMINATION/SPLICE PANELS

Anixter No.	Vendor No.	Description
352615	FL2-12TS350-B	12-position
283723	FL2-24TS525-B	24-position
283725	FL2-48TS875-BQ	48-position

6-PACKS

Anixter No.	Vendor No.	Description
174091	FL2-6PMMSC	Multimode SC
189927	FL2-6PMMDSC	Multimode SC duplex
352617	FL2-6PMMDSC-A	Multimode SC duplex - aqua
174087	FL2-6PMMST	Multimode ST
283792	FL2-6PMMLC	Multimode LC
352629	FL2-6PMMLC-A	Multimode LC - aqua
174665	FL2-6PSMSC	Single-mode SC
283794	FL2-6PSMLC	Single-mode LC

TrueNet Fiber Panel (TFP) Series

TE CONNECTIVITY

FEATURES

- Utilizes angle-left/angle-right adapters for easy access and bend-radius protection
- Completely modular footprint for ease of use and maximum versatility
- Rear access makes field termination or splicing fast and efficient
- Supports MPO applications

APPLICATIONS

Mounted in cabinets to consolidate fiber from servers, switches, routers and SANs

TFP EMPTY CHASSIS - BLACK

Each chassis requires 1/2 of maximum modular adapter packs to be LEFT and 1/2 to be RIGHT.

Anixter No.	Vendor No.	Description
363222	TFP-1TT00-000B	1RU termination only empty chassis, accommodates two TFP modular adapter packs
363495	TFP-2TT00-000B	2RU termination only empty chassis, accommodates four TFP modular adapter packs
444254	TFP-4TT00-000B	4RU termination only empty chassis, accommodates six TFP modular adapter packs
334645	TFP-5TT00-000B	5RU termination only empty chassis, accommodates 12 TFP modular adapter packs, T-handle

SINGLE-MODE TFP ADAPTER PACKS

TE Connectivity recommends aqua adapters for 10 Gig applications. LC adapter packs terminate 24 fibers. SC duplex adapter packs also available that terminate 12 fibers. MPO cassettes also available.

Anixter No.	Vendor No.	Description
348629	TFP-24APLQ5	LC, angle-left adapter pack
357201	TFP-12APLC8	SC, angle-left adapter pack
357200	TFP-12APRC8	SC, angle-right adapter pack
385861	TFP-24MPLSQ5	12 LC, angle-left, MPO 24-fiber cassettes
385862	TFP-24MPRSQ5	12 LC, angle-right, MPO 24-fiber cassettes

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(continued)   TrueNet Fiber Panel (TFP) Series

MULTIMODE TFP ADAPTER PACKS

Anixter No.	Vendor No.	Description
357168	TFP-24APLQ1	LC, angle-left adapter pack
357167	TFP-24APRQ1	LC, angle-right adapter pack
348628	TFP-24APLQ2	LC, aqua, angle-left adapter pack
348631	TFP-24APRQ2	LC, aqua, angle-right adapter pack
357162	TFP-12APLC3	SC duplex, angle-left adapter pack
357160	TFP-12APRC3	SC duplex, angle-right adapter pack
357164	TFP-12APLC4	SC duplex, aqua, angle-left adapter pack
357163	TFP-12APRC4	SC duplex, aqua, angle-right adapter pack
358605	TFP-24MPLDQ2	12 LC, aqua, angle-left, MPO 24-fiber cassettes
358607	TFP-24MPRDQ2	12 LC, aqua, angle-right, MPO 24-fiber cassettes

TrueNet Data Center Optical Distribution Frame with Plug-and-play Cassettes

TE CONNECTIVITY

TE Connectivity's Data Center Optical Distribution Frame (ODF) with plug-and-play (MPO) cassettes is the highest-density optical distribution frame solution available today. It efficiently manages up to 1,728 fiber terminations using the 144-position block (or 2,304 using the 192-position block) in a single frame in either a cross-connect or inter-connect design.

Its patented design incorporates the fundamentals of cable management while using the industry's highest fiber count MPO plug-and-play cassettes.

FEATURES
- Rapid installation of new deployments
- MPO trunks can enter rack from either under floor or overhead
- Slack storage included in each rack allows for the use of a single jumper length
- Frame jumper routing provides bend radius and physical protection with slack easilty and intuitively managed

BLOCKS LOADED WITH MULITMODE PLUG-AND-PLAY CASSETTES; BLACK

144-position block; MPO-LC (aqua) multimode adapters; 50/125 fiber laser optimized to 300 meters

Anixter No.	Vendor No.	Description
358601	NGFB-MPML0C112	Left block orientation
358604	NGFB-MPMR0C112	Right block orientation

BLOCKS LOADED WITH SINGLE-MODE PLUG-AND-PLAY CASSETTES; BLACK

144-position block; MPO-LC single-mode adapters; Zero water peak single-mode fiber

Anixter No.	Vendor No.	Description
385450	NGFB-MPML0K412	Left block orientation
385449	NGFB-MPMR0K412	Right block orientation

RACK

Anixter No.	Vendor No.	Description
358597	NGFB-MDF7A100-30	30 in. x 24 in. x 7 ft. frame; black

RMG Fiber Enclosures

TE CONNECTIVITY

FEATURES
- Low-profile design with higher density for space-limited applications
- Utilizes industry-standard LSX/LGX modular adapter packs
- Supports MPO applications
- Completely modular footprint for ease of use and maximum versatility

APPLICATIONS

Telecommunications rooms or to terminate incoming fiber trunks

RACK-MOUNT CABINETS

Anixter No.	Vendor No.	Description
336284	RMG-1000-000B	1RU empty chassis, accommodates three RMG adapter packs
246800	RMG-2000-000B	2RU empty chassis, accommodates six RMG adapter packs
336282	RMG-4000-000B	4RU empty chassis, accommodates 12 RMG adapter packs

SINGLE-MODE ADAPTER PANELS

Anixter No.	Vendor No.	Description
341102	RMG-12ADPC8	SC duplex adapter pack
373082	RMG-12ADPT2	ST adapter pack
353572	RMG-12ADPQ5	LC adapter pack
373083	RMG-12ADPQ8	LC aqua adapter pack

MULTIMODE ADAPTER PANELS

Anixter No.	Vendor No.	Description
336679	RMG-12ADPC3	SC duplex adapter pack
353566	RMG-12ADPC4	SC duplex (aqua) adapter pack
348170	RMG-06ADPT1	ST adapter pack
300259	RMG-12ADPQ1	LC adapter pack
353569	RMG-12ADPQ2	LC (aqua) adapter pack

ANIXTER

Anixter No.	Vendor No.	Description
353575	RMG-24ADPQ3	Quad LC adapter pack
353576	RMG-24ADPQ4	Quad LC (aqua) adapter pack
353553	RMG-06ADPC2	SC aqua adapter pack
353544	RMG-06ADPC1	SC adapter pack
496595	RMG-72ADPMP	Six MPO adapters

> TE Connectivity recommends aqua adapters for 10 Gig applications.

MPO Optical Fiber Cassettes

TE CONNECTIVITY

MPO cassettes feature one or two MPO connections for 12- or 24-fiber applications. Cassettes have the same footprint as the snap-in adapter plates and come pretested and ready to use. Cassettes listed below have fiber polarity that is flipped (AB/BA). Straight-through configurations are available upon request. Pretested MPO trunk cable assemblies are available in many color/length/fiber count combinations.

6-DUPLEX PORTS
With 12 fibers.

Anixter No.	Vendor No.	Description
497349	RMG-12MPOBQ3	OM1, 62/125 μm, one MPO to six duplex LC
307935	1918779-1	OM2, 50/125 μm, 12 fiber, one MPO to six duplex LC
497350	RMG-12MPODC4	OM3, XG 50/125 μm, one MPO to six duplex LC
497351	RMG-12MPOFQ4	OM4, XG 50/125 μm, one MPO to six duplex LC
497352	RMG-12MPOBC3	OM1, 62/125 μm, one MPO to six duplex SC
307934	6435181-2	OM2, 50/125 μm, one MPO to six duplex SC
353616	6278418-2	OM1, 62/125 μm, one MPO to six duplex ST

12-DUPLEX PORTS
With 24 fibers.

Anixter No.	Vendor No.	Description
355446	1918780-1	OM2, 50/125 μm, one MPO to 12 duplex LC
370279	1918784-1	OM3, XG 50/125 μm, one MPO to 12 duplex LC
421854	1553449-1	OM4, XG 50/125 μm, one MPO to 12 duplex LC
368191	1918786-1	OS1, 9/125 μm, one MPO to 12 duplex LC
353618	1918778-1	OM3, XG 50/125 μm, one MPO to 12 duplex MT-RJ

Fiber Optic Cable Assemblies and Storage Area Management Solutions

TE CONNECTIVITY

STORAGE AREA MANAGEMENT (SAM)
TE's Storage Area Management (SAM) Solution for network infrastructures is designed to reduce the bulkiness of cabling and connectors in the data center by up to 80 percent and enable high-density deployment with fewer costly cabinet or infrastructure upgrades. SAM can help you save time, reduce costs, maximize efficiency and open up much needed space in your data center. It takes the complexity out of cable management, and optimizes the performance of your data center floor space, racks and electronics.

- Reduce space requirements by managing up to 768 fiber ports within 2-rack units
- Minimize footprint - no additional front vertical, side, or horizontal cable management devices
- Deploy in narrow cabinets or racks and limited space environments
- Minimize cable mass and slack management using line card-optimized hydra assemblies
- Easily access ports

Anixter No.	Vendor No.	Description
502441	1553761-1	Rack-mount patch enclosure, 2U MPO secure
502443	1553533-2	SAM far end enclosure, 1U MPO to quad LC, 32-port, XG OM3 multimode
502444	1553533-1	SAM far end enclosure, 1U MPO to quad LC, 48-port, XG OM3 multimode
502445	1553657-2	SAM far end enclosure, 1U MPO to quad LC, 32-port, single-mode
502447	1553657-1	SAM far end enclosure, 1U MPO to quad LC, 48-port, single-mode
502448	QUFB-32FDLCMMHR	Q3000 SAM blade OM3/OM4, 32-fiber, 16-port, duplex LC/MPO
502449	QUFB-32FDLCSMHR	Q3000 SAM blade single-mode, 32-fiber, 16-port, duplex LC/MPO

FIBER JUMPERS

As an integral part of their fiber product portfolio, TE Connectivity's fiber optic jumpers are essential to meet the needs of high-speed data networks. These patch cords can be used throughout the network in cross-connect, test or equipment areas to link optical equipment.

Anixter No.	Vendor No.	Description
489638	PAT-LCLC-R20C001M	LC to LC, 1 meter OM2
489645	PAT-LCLC-R20C002M	LC to LC, 2 meter OM2
489648	PAT-LCLC-R20C003M	LC to LC, 3 meter OM2

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(continued) Fiber Optic Cable Assemblies and Storage Area Management Solutions

FIBER JUMPERS

Anixter No.	Vendor No.	Description
489651	PAT-LCLC-R30C001M	LC to LC, 1 meter OM3
489653	PAT-LCLC-R30C002M	LC to LC, 2 meter OM3
489660	PAT-LCLC-R30C003M	LC to LC, 3 meter OM3
489662	PAT-LCLC-R40C001M	LC to LC, 1 meter OM4
489667	PAT-LCLC-R40C002M	LC to LC, 2 meter OM4
489669	PAT-LCLC-R40C003M	LC to LC, 3 meter OM4

PAT AND MPO ASSEMBLIES

TE Connectivity's plug-and-play microcable trunk assemblies are round 12 fiber optical trunk cables preterminated with a high-density MPO connector on both ends. They can be used in conjuction with any of the other plug-and-play connectivity products to rapidly deploy fiber into a data center or Local Area Network (LAN). The microcable assemblies can simply be plugged into any plug-and-play cassette or fiber enclosure which eliminates the need for on-site fiber termination.

> Contact your local sales representative for build-to-order lengths and configurations.

WMG Series Wall-mount Fiber Enclosures

TE CONNECTIVITY

TE Connectivity's WMG Series wall-mount fiber enclosures are ideal for LAN applications requiring a fully enclosed and lockable wall-mount enclosure. The cabinets are one- or two-door direct termination and splice solutions. These enclosures are designed to support up to eight modular adapter packs. The rugged wall-mount cabinet is equipped with cable management modules and cable-routing accessories to limit bend radius and add strain-relief control. In addition, the lockable dual-door design allows public and private portions of the network to be securely separated from each other.

FEATURES
- Optional integrated splice module on the four- and eight-module panel version
- Utilizes standard RMG series adapter packs
- Compact design

- Fully-enclosed design, with optional field-installable locks
- Wraparound client-side door design provides maximum adapter accessibility for client-side patching
- Empty Wall Box

Anixter No.	Vendor No.	Description
390692	WMG-2000-00B	Maximum capacity two adapter packs
248006	WMG-4000-00B	Maximum capacity four adapter packs
496600	WMG-8000-00B	Maximum capacity eight adapter packs

Quareo Q3000 Series Fiber Enclosures

TE CONNECTIVITY

FEATURES
- Highest manageable density with up to 384 LC terminations (192 fiber ports) in a single 4RU chassis
- Utilizes sliding blades as user interface
- Addresses termination only/MPO application in same chassis

APPLICATIONS
High-density fiber applications in the distribution area or SANs

Q3000 EMPTY CHASSIS

Anixter No.	Vendor No.	Description
444256	QUCH-1RU	Q3200; 1RU (1.75 in. x 19 in. x 15 in.), accomodates two blades
444257	QUCH-2RU	Q3400; 2RU (3.5 in. x 19 in. x 15 in.), accomodates four blades
444258	QUCH-4RU	Q3800; 4RU (7 in. x 19 in. x 15 in.), accomodates eight blades

Q3000 FIBER BLADES

Anixter No.	Vendor No.	Description
444261	QUFB-48FDLCLSMHR	LCUPC-LCUPC single-mode blade; 24 ports (48 fibers)
444264	QUFB-48FDLCLMMHR	LC-LC OM3 blade; 24 ports (48 fibers)
444324	QUFB-48FDLCMSMHR	Single-mode LC to MPO; 24-port duplex LC (48 fiber) to 4xMPO — OS
444325	QUFB-48FDLCMM3HR	LC-MPO OM3 blade; 24 ports (48 fibers) - 2 MPO
444327	QUFB-192FMPOSMHR	MPO-MPO single-mode blade; 16 ports (192 fibers)
444328	QUFB-192FMPOMMHR	MPO-MPO OM3 blade; 16 ports (192 fibers)

ANIXTER

Quareo Q4000 Series Network Chassis

TE CONNECTIVITY

TE Connectivity introduces Quareo Technology, a game-changing solution for the physical layer or layer one of the OSI model. This technology is based on unique identifiers for every connection point in the network, where a connection point can be defined as one end of an Ethernet cable or a port on a network device. Quareo is a Connection Point Identification Technology, which provides unprecedented knowledge about the network including accurate documentation and reporting of changes, as well as enhanced security; Quareo enables higher network availability while lowering the network operating costs for a network, from the data center all the way to the desktop.

The Q4000 Series Network Chassis featuring Quareo Technology allows network personnel to view, manage and audit the physical layer. This means, for the first time, the physical layer is now subject to the same compliance policy as higher layers of the network. With 70 percent of network outages attributed to errors made in the physical layer, TE introduces a new category of products. Simply put, Quareo enables Managed Connectivity using connection point identification (CPID) technology.

FEATURES

- Accomodates Q4000 blades for a managed solution utilizing the CPID technology
- Supports Q3000 blades for an unmanaged solution
- Supports a Q4000 Series Chassis Controller
- Green, yellow, green/red LED user indicators
- Reset button
- Trunk and Fan-out Brackets supplied for rear cable management
- Maintenance Services available on this product

APPLICATIONS

High-density fiber applications in the distribution area or SANs

Q4000 EMPTY NETWORK CHASSIS

Anixter No.	Vendor No.	Description
454246	QCH-1RU	Q4200; 1RU (1.75 in. x 19 in. x 15 in.), accomodates two Q3 or Q4 blades
454247	QCH-2RU	Q4400; 2RU (3.5 in. x 19 in. x 15 in.), accomodates four Q3 or Q4 blades
454250	QCH-4RU	Q4800; 4RU (7 in. x 19 in. x 15 in.), accomodates eight Q3 or Q4 blades

QCC-4 CHASSIS CONTROLLER

Anixter No.	Vendor No.	Description
454258	QCPU-MCBM	Chassis controller for Q4000 network chassis

Q4000 FIBER BLADES

Anixter No.	Vendor No.	Description
454259	QFB-48FDLCLMMHR	LC-LC multimode blade (OM3/OM4); 24 ports (48 fibers)
454260	QFB-48FDLCLSMHR	LC-LC single-mode blade; 24 ports (48 fibers)
454262	QFB-48FDLCMMMHR	LC-MPO multimode blade (OM3/OM4); 24 ports (48 fibers)
454261	QFB-48FDLCMSMHR	LC-MPO single-mode blade; 24 ports (48 fibers)
454263	QFB-192FMPOMMHR	MPO-MPO multimode blade (OM3/OM4); 16 ports (192 fibers)
454265	QFB-192FMPOSMHR	MPO-MPO single-mode blade; 16 ports (192 fibers)

Quareo Cross-connect Frame (Q-Frame) Kit

TE CONNECTIVITY

FEATURES

- Support eight 4RU Q3000, Q4000, TFP or RMG chassis
- Built-in jumper storage panels which allow the use of a single jumper length to connect any port within a single frame
- Ample trough space to reduce jumper pile-up and congestion

APPLICATIONS

High-density fiber applications in the distribution area or SANs

Anixter No.	Vendor No.	Description
444331	Q-OFX-V	Q-Frame 19 in. rack cable management kit
444332	Q-OFX-GL	Left end - guard kit
444333	Q-OFX-GR	GN 2000 USB Mono Cisco CIPC
444334	Q-IPCCM-KT	Cross-connect isolation pad kit
444335	Q-IPEG-KT	End-guard isolation pad kit

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TE Connectivity

Hardware

Quareo Managed Fiber Cables

TE CONNECTIVITY

As an integral part of the Quareo Fiber Connectivity product portfolio, TE's multimode and single-mode Quareo fiber managed cables are essential to meet the requirements of today's high-speed data networks. These managed cables can be used throughout the network in cross-connect, test, or equipment areas to link optical equipment.

FEATURES

- Managed fiber cables feature Quareo Technology with connection point identification
- Standard lengths: 4, 7, 10, 15 and 25 feet
- Standard colors: aqua for multimode, yellow for single-mode
- Standard materials: plenum and LSZH

Technical Information & Standards

ANSI/TIA-568-C.3 and ISO 11801, Edition 2 for OM3/OM4 multimode, OS1/OS2 for single-mode
ISO/IEC 11801, Edition 2
UL/CSA Approved, IEC 60950, A-TICK
RoHS compliant

To order, contact your local sales representative.

1.2 mm Fiber Optic Cable Assemblies

TE CONNECTIVITY

TE's revolutionary 1.2 mm small form factor patch cords are available with LC or SC connectors and occupies half the space of traditional 1.6 mm patch cords and a third of the space of traditional 2.0 mm patch cords. In environments where space constraints and cable routing prove most challenging, the 1.2 mm patch cords offer the necessary flexibility and quality to realize significant labor and cost savings for service providers.

FEATURES

- UPC/SC, APC/SC, UPC/LC and APC/LC connector versions
- Reduced bend radius fiber

- Single-mode OFNP cable
- Compatible with industry-standard fiber cable and SC and LC connectors

SC TO SC PATCH CORDS

Anixter No.	Vendor No.	Length (m)	Description
507074	FPCA-77YP001M	1	SC/UPC - SC/UPC
507075	FPCA-77YP002M	2	SC/UPC - SC/UPC
507076	FPCA-77YP003M	3	SC/UPC - SC/UPC
507077	FPCA-7EYP001M	1	SC/UPC - SC/APC
507078	FPCA-7EYP002M	2	SC/UPC - SC/APC
507079	FPCA-7EYP003M	3	SC/UPC - SC/APC
507080	FPCA-EEYP001M	1	SC/APC - SC/APC
507081	FPCA-EEYP002M	2	SC/APC - SC/APC
507082	FPCA-EEYP003M	3	SC/APC - SC/APC

LC TO LC PATCH CORDS

Anixter No.	Vendor No.	Length (m)	Description
507083	FPCA-KKYP001M	1	LC/UPC - LC/UPC
507084	FPCA-KKYP002M	2	LC/UPC - LC/UPC
507085	FPCA-KKYP003M	3	LC/UPC - LC/UPC
507086	FPCA-KKYP001M	1	LC/UPC - LC/APC
507087	FPCA-KKYP002M	2	LC/UPC - LC/APC
507088	FPCA-KKYP003M	3	LC/UPC - LC/APC
507089	FPCA-MMYP001M	1	LC/APC - LC/APC
507090	FPCA-MMYP002M	2	LC/APC - LC/APC
507091	FPCA-MMYP003M	3	LC/APC - LC/APC

SC TO LC PATCH CORDS

Anixter No.	Vendor No.	Length (m)	Description
507092	FPCA-7KYP001M	1	SC/UPC - LC/UPC
507093	FPCA-7KYP002M	2	SC/UPC - LC/UPC
507094	FPCA-7KYP003M	3	SC/UPC - LC/UPC
507095	FPCA-7MYP001M	1	SC/UPC - LC/APC
507096	FPCA-7MYP002M	2	SC/UPC - LC/APC
507097	FPCA-7MYP003M	3	SC/UPC - LC/APC
507098	FPCA-EKYP001M	1	SC/APC - LC/UPC
507099	FPCA-EKYP002M	2	SC/APC - LC/UPC
507100	FPCA-EKYP003M	3	SC/APC - LC/UPC
507101	FPCA-EMYP001M	1	SC/APC - LC/APC
507103	FPCA-EMYP002M	2	SC/APC - LC/APC
507104	FPCA-EMYP003M	3	SC/APC - LC/APC

Connectors and Adapters

Hot Melt Connectors: SC, ST, FC and LC Connectors

3M

The 3M Hot Melt Connector comes preloaded with advanced Hot Melt adhesive, which features an extended shelf life when compared to epoxy versions. There is no need for a syringe, applicator or mixing. And since there is no waiting for epoxy to cure, termination is fast - just two minutes (average). The Hot Melt connector's reliability, high performance and ease of use in both indoor and outdoor LANs worldwide, plus the savings in time and materials, have made it an industry favorite. LC terminations require both the 3M Universal Kit 6365 and Expansion Kit 6650-LC.

FEATURES

- Single-step polish for multimode
- Extended adhesive shelf life
- No crimping required for ST
- Preradiused PC ferrule
- Zirconia ceramic ferrule
- Meets ANSI/TIA-568-B Specifications

CONNECTORS

Anixter No.	Vendor No.	Description
256093	8200-W	Fiber size 125 μm, jacketed, 250/900 μm, single-mode, white, FC
153845	6300-W	Fiber size 125 μm, jacketed, 250/900 μm, multimode, white, SC
194283	8300	Fiber size 125 μm, jacketed, 250/900 μm, single-mode, white, SC
133588	6100-W	Fiber size 125 μm, jacketed, 250/900 μm, multimode, white, ST
173543	8100-YS	Fiber size 125 μm, jacketed, 250/900 μm, single-mode, yellow, ST, 60 pcs
349474	6600-S	Fiber size 125 μm, jacketed, 250/900 μm, multimode, white, LC/simplex
322811	6601-D	Fiber size 125 μm, jacketed, 250/900 μm, multimode, white/beige, LC/duplex
322812	8601-D	Fiber size 125 μm, jacketed, 250/900 μm, single-mode, white/beige, LC/duplex, 900 buffer
443201	6300-W1K-S	Fiber size 125 μm, jacketed, 250/900 μm, multimode, white, SC, 1,000 pcs
443208	6300-W5-12	Fiber size 125 μm, jacketed, 250/900 μm, multimode, white, SC, 60 pcs
443209	8300-W1K-S	Fiber size 125 μm, jacketed, 250/900 μm, single-mode, white, SC
443210	6100-B1K-S	Fiber size 125 μm, jacketed, 250/900 μm, multimode, black, ST

Anixter No.	Vendor No.	Description
443211	6100-R1K-S	Fiber size 125 μm, jacketed, 250/900 μm, multimode, red, ST
443213	6100-W1K-S	Fiber size 125 μm, jacketed, 250/900 μm, multimode, white, ST, 1,000 pcs
443215	6100-B5-12	Fiber size 125 μm, jacketed, 250/900 μm, multimode, black, ST, 60 pcs
185742	6100-R	Fiber size 125 μm, jacketed, 250/900 μm, multimode, red, ST, 60 pcs
185744	6100-B	Fiber size 125 μm, jacketed, 250/900 μm, multimode, black, ST, 60 pcs
434977	8100-Y1K-S	Fiber size 125 μm, jacketed, 250/900 μm, single-mode, yellow, ST, 1,000 pcs
172900	6200	Fiber size 125 μm, jacketed, 250/900 μm, multimode, white, FC
312521	6602-D	Fiber size 125 μm, jacketed, 250/900 μm, multimode, white/beige, LC/duplex
323273	6603-D	Fiber size 125 μm, jacketed, 250/900 μm, multimode, white/beige, duplex
443226	6604-D	Fiber size 125 μm, jacketed, 250/900 μm, multimode, red/black, LC/duplex, 900 buffer
443227	6605-D	Fiber size 125 μm, jacketed, 250/900 μm, multimode, red/black, LC/duplex, 1.6-2.0 cable
434390	6606-D	Fiber size 125 μm, jacketed, 250/900 μm, multimode, red/black, LC/duplex, 2.4-3.0 cable
312523	8602-D	Fiber size 125 μm, jacketed, 250/900 μm, single-mode, white/beige, LC/duplex , 1.6-2.0 cable
323274	8603-D	Fiber size 125 μm, jacketed, 250/900 μm, single-mode, white/beige, LC/duplex, 2.4-3.0 cable
443230	8603-S	Fiber size 125 μm, jacketed, 250/900 μm, single-mode, white, LC/simplex, 2.4-3.0 cable
312520	6602-S	Fiber size 125 μm, jacketed, 250/900 μm, multimode, white, LC/simplex, 1.6-2.0 cable
431633	6603-S	Fiber size 125 μm, jacketed, 250/900 μm, multimode, white, LC/simplex, 2.4-3.0 cable
349477	8600-S	Fiber size 125 μm, jacketed, 250/900 μm, single-mode, white, LC/simplex, 900 BTW
312522	8602-S	Fiber size 125 μm, jacketed, 250/900 μm, single-mode, white, LC/simplex, 1.6-2.0 cable

ACCESSORIES

Anixter No.	Vendor No.	Description
312524	6650-LC	LC expansion kit, must be used in conjunction with the 6366/6362-230v Hot Melt Termination kit. The 6650-LC contains consumables for up to 100 terminations, up to 50 of which can be single-mode
406761	6366	The Hot Melt termination kit contains all materials needed to install SC, ST and FC Hot Melt connectors, both multimode and single-mode. Kit comes with a 120 V oven. 6650-LC required when using with LC Hot Melt connectors

Fiber Solutions

# Connectors and Adapters

(continued) Hot Melt Connectors: SC, ST, FC and LC Connectors

Anixter No.	Vendor No.	Description
443243	6362-230V	Hot Melt termination kit contains all materials needed to install FC, SC and ST Hot Melt connectors. Kit comes with 230 V oven. 6650-LC required when using with LC Hot Melt connectors
443245	6192B-254X-2D4H	4 in. x 1/2 in. lapping film, 2 μm restricted
289529	6192A-254X-2D5	5 in. lapping film, 2 μm with hole (254X)

Crimplok+ Connectors

3M
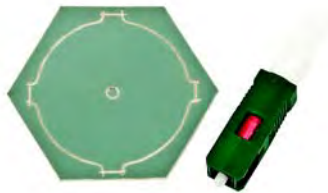
3M Crimplok+ Connectors provide fast, easy field installation of 900 μm single-mode fiber without a splice, gel or adhesive. The connectors are SC compatible with a metallic element that mechanically locks the fiber in place. Includes 3M Crimplok + Protrusion Setting Tool.

Crimplok+ Connectors have a thermally balanced design that is tested for premises and FTTP applications for indoor and outdoor conditions from -40°F to 176°F. The connectors have a streamlined boot attached to the body, minimizing the chance of losing or forgetting to install it during the termination process. After the installation, the boot keeps the fiber from kinking, even during side pull.

SC/UPC - BLUE HOUSING

Anixter No.	Vendor No.	Description
495783	8700-UPC	900 μm cable without tool
495785	8700-PS/UPC	250/900 μm with protrusion setting tool

SC/APC - GREEN HOUSING

Anixter No.	Vendor No.	Description
495786	3700-APC	250/900 μm without tool
495787	8700-PS/APC	250/900 μm with protrusion setting tool

ACCESSORIES

Anixter No.	Vendor No.	Description
496444	8765-UPC	Crimplok + SC/APC connector kit
496445	8765-UPC	Crimplok + SC/UPC connector kit

Tech Tips

Curing Systems

(A) Oven-cure Epoxy Connectors

Oven-cure connectors use an epoxy to fix the fiber within the connector ferrule tip. This type of installation has proven to be one of the most reliable in use today and requires the use of a curing oven; thus, AC power for the curing oven must be available to install this type of connector.

(B) Quick-cure Connectors

(1) UV-CURE ADHESIVE SYSTEM The UV-cure connector utilizes a UV curing adhesive. Thus, the cure time is under one minute and the connector, after removal from the UV lamp, is cool to the touch and ready to be polished. Also, the UV lamp is lightweight and can be either AC or DC battery powered.

(2) HOT-MELT ADHESIVE SYSTEM The hot-melt connector has the adhesive preloaded in the connector so there is no need to mix and apply epoxy. The connector is heated, the prepared fiber is inserted into the connector and is set aside to cool. Then, a typical or one-step polish is done to complete the installation.

(3) ANAEROBIC ADHESIVE SYSTEM Anaerobic adhesive cures due to the lack of oxygen. This adhesive is applied in the connector and the fiber is inserted. Since the air is forced out by the fiber, the adhesive cures. No ovens, heaters or AC power are required. A light polish is performed to complete the termination.

(C) No-cure, No-polish Connectors UNICAM SYSTEM

UNICAM SYSTEM is a unique no-adhesive/no-epoxy/no-polish connector. A fiber stub is bonded into the connector ferrule, and the end face is factory-polished to a PC finish for multimode versions and to a Super PC finish for single-mode versions. The other end of the stub is precisely cleaved and placed into the patented alignment mechanism. Therefore, field installation requires only to cleave the field fiber, insert it into the splice and actuate the connector. No polishing is performed in the field, and a PC or Super PC finish is guaranteed.

(D) Crimp-on Connectors

(1) LIGHTCRIMP SYSTEM The LightCrimp connector is a no-adhesive/no-epoxy connector. The connector secures the buffered fiber by the action of three resilient spheres within the connector body. (The process is somewhat different in polymer composite ferrule version.) When crimped, these spheres are deformed by a plunger, and hold the fiber in place. This crimping step also clamps the plunger onto the buffer, ensuring a reliable termination. Once the crimp is made, the fiber extending from the ferrule tip is cleaved and the connector is quickly polished.

(2) CRIMPLOK SYSTEM The CrimpLok connector is a no-adhesive/no-epoxy connector. The connector secures the fiber by clamping the bare fiber in a conformable metal element. Once crimped on, the connector is quickly polished using standard polishing methods.