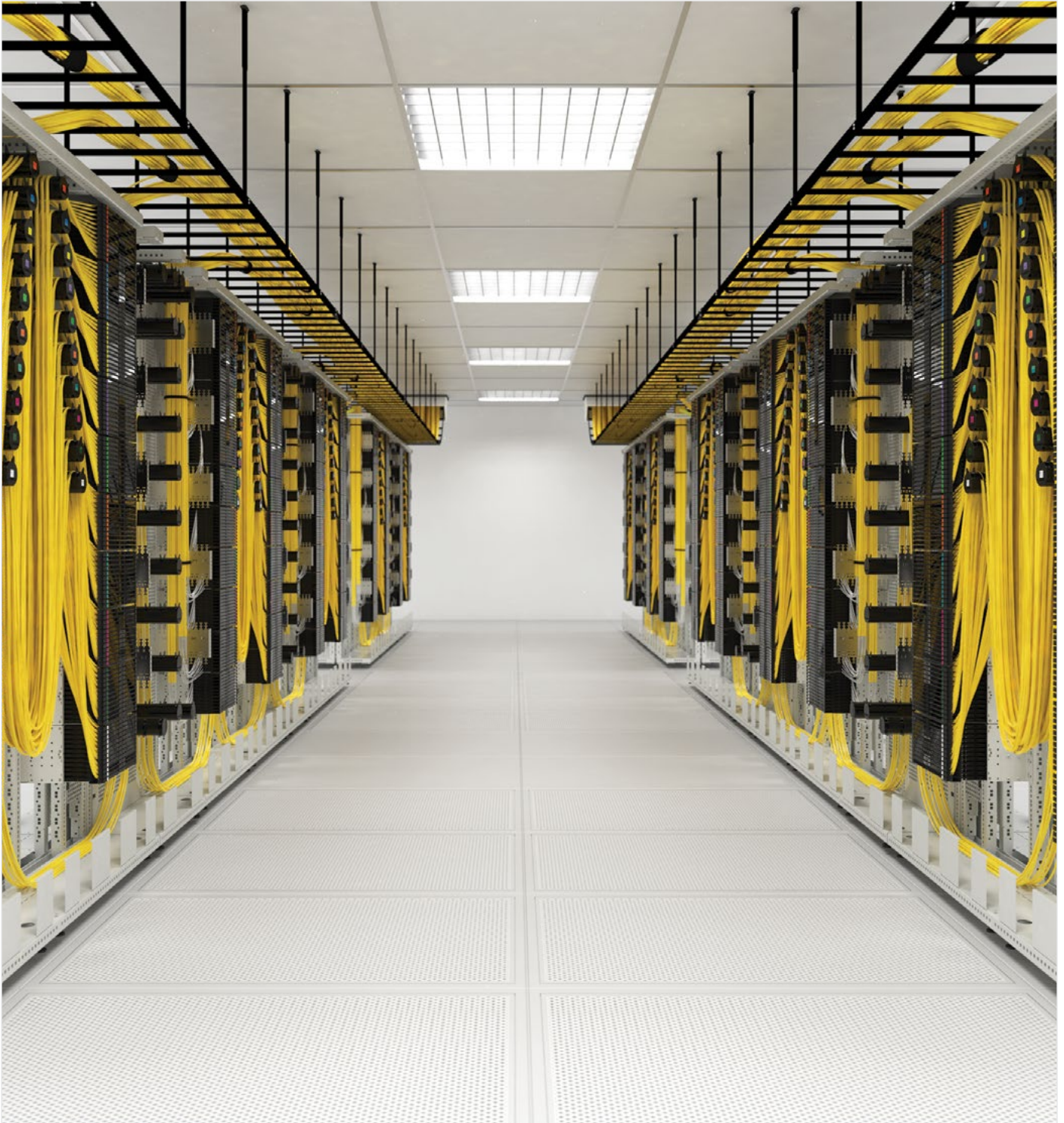


CORNING

Centrix™ System



Multiple-Frame Line Up with Centrix™ System

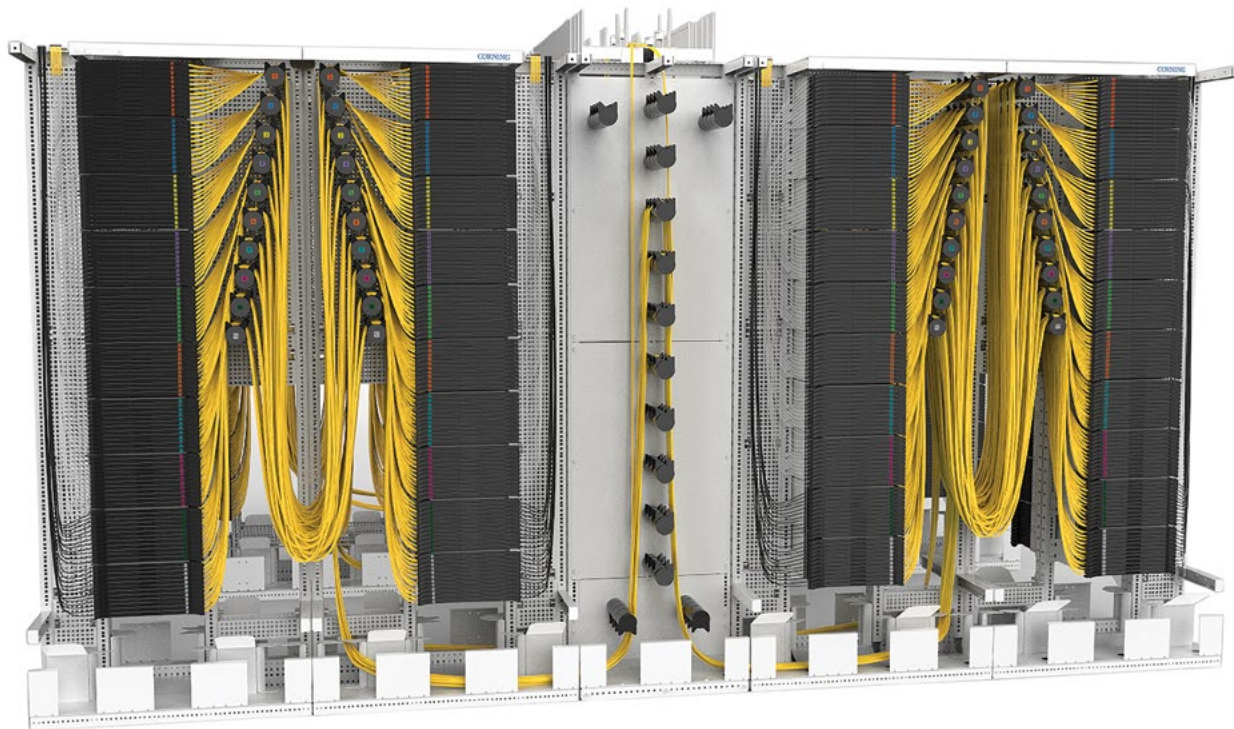
Centrix™ System Introduction

The central office, or headend, is the brain of your network and must address sophisticated infrastructure challenges to meet today's explosion of data services.

We interviewed more than 3,000 central offices and data centre operators in all regions and the outcome remained the same – the infrastructure must be reliable, high-quality, flexible, manageable, scalable, and visible to support a 24/7, year-round operation.

The Corning Centrix™ system is a high-density optical cabling solution that simplifies installation and improves the performance in the central office environment. Centrix provides an increased system density, when compared to traditional splice or preterminated systems, and offers the highest port density in the market. Corning® ClearCurve® bend-optimised fibre is the core element ensuring reliability when designing custom-engineered components – thanks to its significant reduction in macrobend loss, even in the most challenging bend scenarios. This technology enables Corning to provide significantly greater density across the range, combined with a simple design and integration for electronic areas within the central office. In addition, preterminated components allow for reduced installation time and faster moves, adds, and changes (MACs).

With reliability being critical, you need products that optimise your network's capabilities today and can scale for the future.



Centrix™ System

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Centrix™ Single Cabinets

Centrix™ single cabinets provide space for up to 120 Centrix cassettes, with a maximum capacity of 4,320 LC or 2,880 SC single-fibre ports. All functions are accessible from the front of the cabinet. Patch cord management enables in-cabinet cross-connects with a single patch cord length of 4 m. Feeder cables can enter the cabinet from the top and bottom. The bottom channel function allows for easy routing of patch cords across cabinets in a row. The cabinet comes assembled for fast deployment.

Available Options:

- Single cabinet (cross-connect application)
- Single cabinet (equipment interconnect)
- Single cabinet (splice concentrator)



Single Cabinet without Protection



Single Cabinet with Protection and Bottom Channel



Single Cabinet Splice Concentrator

Centrix™ Single Cabinets



Single Cabinet with Right-Side Cable Entry



Single Cabinet with Left-Side Cable Entry



Single Cabinet with Right-Side Cable Entry and Dual Patch Cord Manager



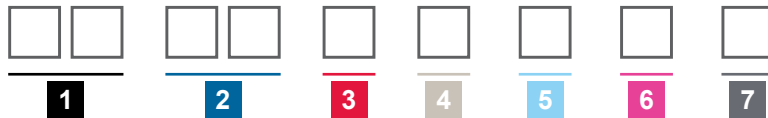
Single Cabinet with Left- and Right-Side Cable Entry

Features and Benefits

All front access	Cable strain-relief plates included
40 rack units	Numbered cable routing hubs included
Supports up to 4,320 splices and 120 cassettes within a 0.27 m ² footprint	Open-cabinet version available
Integrated patch cord management	Version with bottom channel available
Single 4-m patch cord for in-frame cross-connect	Full protection with long doors/walls available
Quick installation feature for Centrix housings	Assembled or non-assembled (flat-pack) versions available
Cable entry on left, right, or both sides	

Ordering Information

CTX - CAB - F



1 Select frame height.

22 = 2,200 mm
7F = 7 ft

2 Select width.

09 = 900 mm
12 = 1,200 mm

3 Select walls.

N = No side walls, no rear wall
S = With side walls only
P = With side walls and rear wall
R = Rear wall only

4 Select doors.

N = No doors
G = Doors with plexiglass window, with lock
M = Doors, full metal, with lock
F = Doors with plexiglass window with special locks
K = Doors, full metal with special locks

5 Select cable entry side.

L = Cable entry on the left
R = Cable entry on the right
B = Cable entry on both left and right sides

6 Select cabinet pre-installation.

A = Assembled cabinet
N = Non-assembled cabinet (flat pack)

7 Select bottom channel option.

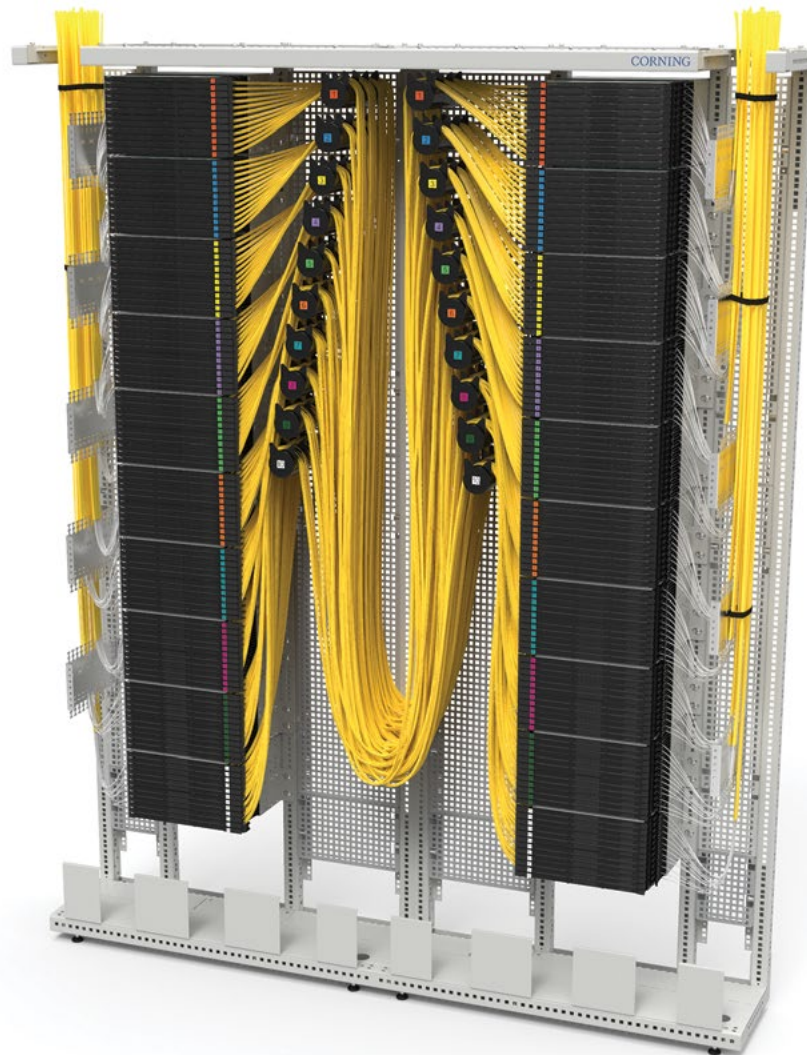
B = Bottom channel pre-installed
N = No bottom channel (closed bottom area)

Centrix™ Dual Cabinets

The Centrix™ dual cabinet (back-to-back or side-to-side) provides space for up to 240 Centrix cassettes, with a maximum capacity of 8,640 LC or 5,760 SC single-fibre ports. Patch cord management enables in-cabinet cross-connects with a single patch cord length of 4 m. Feeder cables can enter the cabinet from the top and bottom. The bottom channel function allows for easy routing of patch cords across cabinets in a row. The cabinet comes assembled for fast deployment.

Available Options:

- Side-by-side
- Back-to-back



Side-by-Side Dual Cabinet

Centrix™ Dual Cabinets



Back-to-Back Dual Cabinet without Protection



Back-to-Back Dual Cabinet with Protection and Bottom Channel



Side-by-Side Dual Cabinet without Protection



Side-by-Side Dual Cabinet with Protection and Bottom Channel

Features and Benefits

Back-to-back and side-to-side configurations available	Cable strain-relief plates included
80 rack units	Numbered cable routing hubs included
Supports 8,640 LC or 5,760 SC ports per cabinet within a 0.54 m ² footprint	Open-cabinet version available
Integrated patch cord management	Version with bottom channel available
Single 4-m patch cord for in-frame cross-connect	Full protection with long doors/walls available
Quick installation feature for Centrix housings	Assembled or non-assembled (flat-pack) versions available
Cable entry on left, right, or both sides	

Ordering Information

CTX - CAB2F



1 Select frame height.

22 = 2,200 mm
7F = 7 ft

2 Select width.

09 = 900 mm
18 = 1,800 mm

3 Select walls.

N = No side walls, no rear wall
S = With side walls only
P = With side walls and rear wall
R = Rear wall only

4 Select doors.

N = No doors
G = Doors with plexiglass window, with lock
M = Doors, full metal, with lock
F = Doors with plexiglass window with special locks
K = Doors, full metal with special locks

5 Cable entry side.

B = Cable entry on both left and right sides

6 Select cabinet pre-installation.

A = Assembled cabinet
N = Non-assembled cabinet (flat pack)

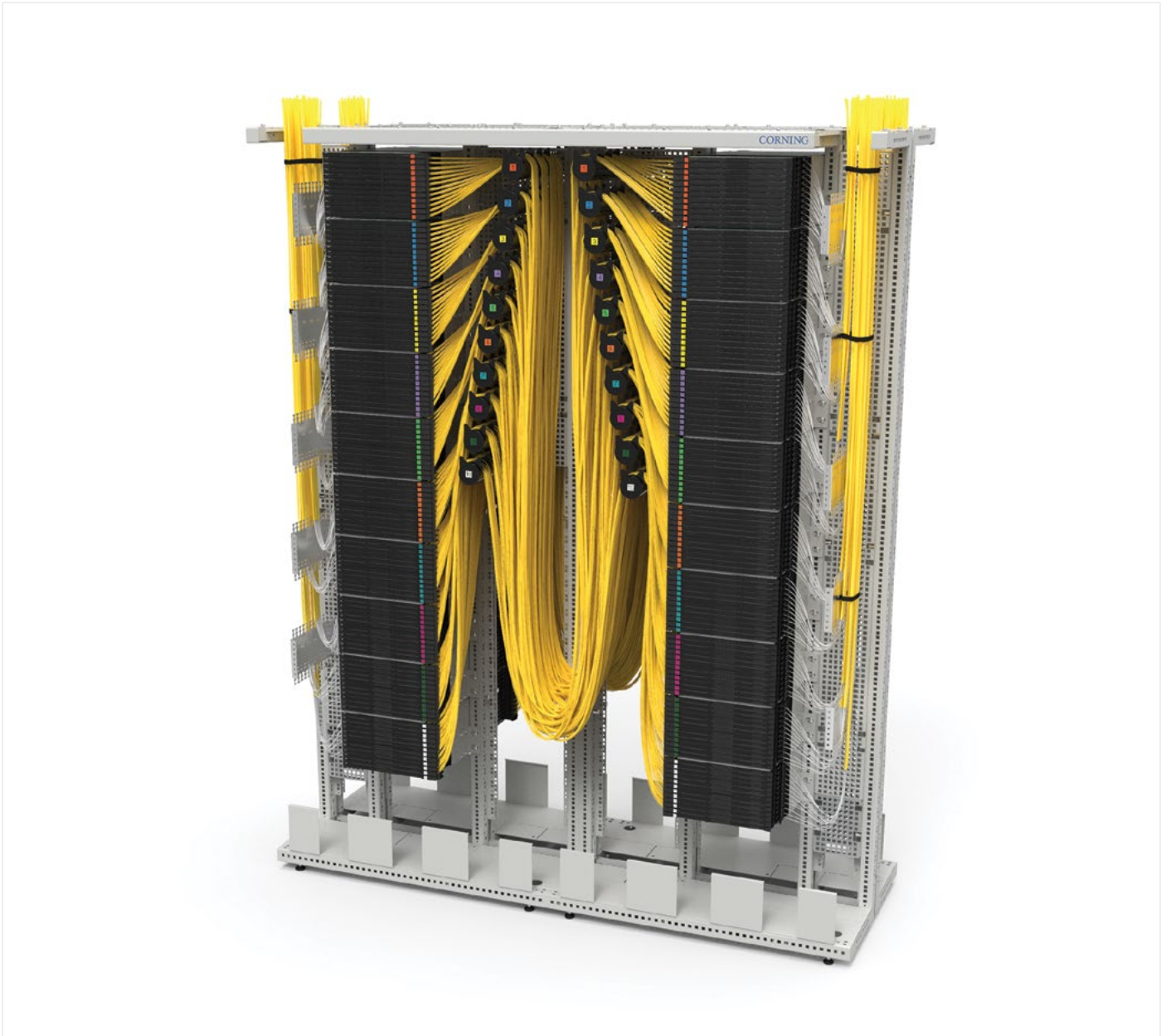
7 Select bottom channel option.

B = Bottom channel pre-installed
N = No bottom channel (closed bottom area)



Centrix™ Quad Cabinets

The Centrix™ Quad Cabinet provides space for up to 480 Centrix cassettes, with a maximum capacity of 17,280 LC or 11,520 SC single-fibre ports. Patch cord management enables in-cabinet cross-connects with a single patch cord length of 4 m. Feeder cables can enter the cabinet from the top and bottom. The bottom channel function allows for easy routing of patch cords across cabinets in a row. The cabinet comes assembled on two pallets for fast deployment.



Quad Cabinet

Centrix™ Quad Cabinets



Quad Cabinet without Protection



Quad Cabinet with Protection and Bottom Channel

Features and Benefits

- Quad configuration
- 160 rack units
- Supports 17,280 LC or 11,520 SC ports per cabinet within a 1.08 m² footprint
- Single 4-m patch cord for in-frame cross-connect
- Quick installation feature for Centrix housings
- Cable entry on left, right, or both sides
- Cable strain-relief plates included
- Numbered cable routing hubs included
- Open-cabinet version available
- Version with bottom channel available
- Full protection with long doors/walls available

Ordering Information

CTX - CAB4F

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1	2	3	4	5	6	7	

1 Select frame height.

- 22 = 2,200 mm
- 7F = 7 ft

2 Select width.

- 18 = 1,800 mm

3 Select walls.

- N = No side walls, no rear wall
- S = With side walls only
- P = With side walls and rear wall
- R = Rear wall only

4 Select doors.

- N = No doors
- G = Doors with plexiglass window, with lock
- M = Doors, full metal, with lock
- F = Doors with plexiglass window with special locks
- K = Doors, full metal with special locks

5 Select cable entry side.

- B = Cable entry on both left and right sides

6 Select cabinet pre-installation.

- A = Assembled cabinet
- N = Non-assembled cabinet (flat pack)

7 Select bottom channel option.

- B = Bottom channel pre-installed
- N = No bottom channel (closed bottom area)



Centrix™ Cabinet Accessories



Doors for Cabinet with Bottom Channel



Doors for Cabinet without Bottom Channel



Doors for Cabinet without Bottom Channel



Doors for Dual Side-by-Side Cabinet without Bottom Channel

The Centrix™ cabinet door kits offer the best protection against unauthorised access to the patch areas of the cabinets. With hang and swing doors, there are different access options available to suit the environment. Long and short doors have a bottom channel function for easy routing of patch cords across cabinets in a row.

Available Options:

- 900 mm single cabinets
- 1,200 mm equipment interconnect cabinets
- 1,800 mm dual and quad cabinets

Ordering Information

CAB - DR	22	□ □	□	□	□
	1	2	3	4	5

1 Select frame height.
22 = 2,200 mm

2 Select width.
09 = 900 mm
12 = 1,200 mm
18 = 1,800 mm








3 Select door type.
H = Hanging door
S = Swing door with look

4 Select door material.
M = Metal door
G = Plexiglass door with look







5 Select door length.
B = Short door*
N = Long door

*Short door enables bottom channel access









Centrix™ Cabinet Accessories

Part Number	Product Description	Units per Delivery	
CABFKT2209PGB	Door, Side, and Rear Wall Kit for 2,200 mm cabinet, short	1/1	
CABFKT2209PGN	Door, Side, and Rear Wall Kit for 2,200 mm cabinet, long	1/1	
CAB-WL2203SB	Side Wall Kit for 2,200 mm cabinet, short	1/1	
CAB-WL2203SN	Side Wall Kit for 2,200 mm cabinet, long	1/1	
CAB-WL2209RN	Rear Wall Kit for cabinet 2,200 x 900 mm	1/1	
CAB-WL2212RN	Rear Wall Kit for cabinet 2,200 x 1,200 mm	1/1	
CAB2DR2218HMN	Hanging Door Set 2,200 mm, 3 x 600 mm, full length	1/1	




Centrix™ Cabinet Accessories (Continued)

Part Number	Product Description	Units per Delivery	
CAB-BG-19D	Adjustable Top Bridge for connecting of cabinet rows 128-190 cm	1/1	
OLM-CAB-F2206NNNAB	Overlength Management Frame, 2,200 x 600 x 300 mm (H x W x D), no walls, no doors, bottom channel, top bridge interface, assembled	1/1	
CAB-FC	Screw Set for back-to-back or side-by-side cabinet connection	1/1	
CAB-MTWL	Cabinet Wall-Mounting Kit	1/1	
CAB-MTRF-00	Raised Floor-Mounting Kit – tile	1/1	
CAB-MTRF-05	Raised Floor-Mounting Kit – 0.5 m	1/1	
CAB-MTRF-12	Raised Floor-Mounting Kit – 1.2 m	1/1	







Centrix™ Cabinet Accessories (Continued)

Part Number	Product Description	Units per Delivery	
CAB-SR-CBL	Strain-Relief Bracket for loose tube cable	1/1	
CAB-SR-SPP	Strain-Relief Bracket for up to 12 mini ducts	1/1	
CAB-SR-TRK	One Strain-Relief Bracket for trunk cable	1/1	
CAB-BKT-48MTP	Centrix™ MTP®/MPO Adapter Bracket, 48 ports	1/1	
CTX-SERVICE-BKT	Centrix Service Bracket	1/1	
CAB-WS	Cabinet Workshelf	1/1	
CAB-TT-TOOL	Zipper Tool (cutting transition tubes and feeding in the fibre)	1/1	
CAB-TT-050M	Set with 50 m of transition tubes	1/1	
CAB-TC	Tube Connectors (24 x 1-1, 2-1, 3-1)	1/1	

Centrix™ Cabinet Accessories (Continued)

Part Number	Product Description	Units per Delivery	
CAB-PS12F1610A	Power Distribution Unit with 12 F sockets	1/1	
CAB-DP-A4	Document Pocket for A4 paper	1/1	
CAB-HB	Routing Hub, Four Segments, One Cover, including coloured number sticker	1/1	
CAB-LB-S1210	Cabinet Labels, 12 x 1-10, coloured, small	1/1	
CAB-RF01	Brushes for patch cord area	1/1	

Centrix™ Cabinet Accessories (Continued)

Part Number	Product Description	Units per Delivery	
CTX-BKT21-1U-SYM	Symmetric 1U Centrix Bracket, 21 in	1/1	
CTX-BKT21-2U-SYM	Symmetric 2U and 4U Centrix Bracket, 21 in	1/1	
CTX-BKT23-1U-SYM	Symmetric 1U Centrix Bracket, 23 in	1/1	
CTX-BKT23-2U-SYM	Symmetric 2U and 4U Centrix Bracket, 23 in	1/1	
CTX-BKT19-1U-ASY	Asymmetric 1U Centrix Bracket, 19 in	1/1	
CTX-BKT19-2U-ASY	Asymmetric 2U and 4U Centrix Bracket, 19 in	1/1	

Centrix™ Housings

Centrix™ housings provide industry-leading, ultra-high-density connectivity when combined with Centrix splice, patch, splitter, WDM, MTP®, and other configurations of pre-terminated cassettes. With the unique Centrix design, all cassettes are exchangeable – sliding into the housing to make real structured patch cable management possible, while providing unprecedented finger access without the need for tools or any other accessories. The various range of mounting brackets provide flexible installation options for 19-, 21-, and 23-in cabinet requirements. Centrix cabinets enable fast and easy installation of the housing through its quick-mount feature.

Loaded and stubbed housings enable faster network deployments through reduced installation time and reduced packaging. Easy cable deployment and quick installation features for the pre-connectorised housing in the Centrix cabinet ensure safe, on-demand enhancements of existing structures at maximum port density.

Stubbed housings are configurable for stub lengths up to 100 m in 5 m steps, and up to 250 m in 10 m steps. The cable entry side of the housing will be matched with the orientation of the cabinet.

Fibre Capacity					
Adapter Type	Terminations per Cassette	Terminations per Housing Size			Terminations per Frame
		1 RU	2 RU	4 RU	
SC	12, 24	36, 72	72, 144	144, 288	Up to 2,880
LC	12, 24, 36	36, 72	72, 144, 216	144, 288, 432	Up to 4,320
LSH	12	36	72	144	1,440



1U, 2U, and 4U Housings with LC APC Adapters

Centrix™ Stubbed Housings



Stubbed 1U Housing



Stubbed 2U Housing

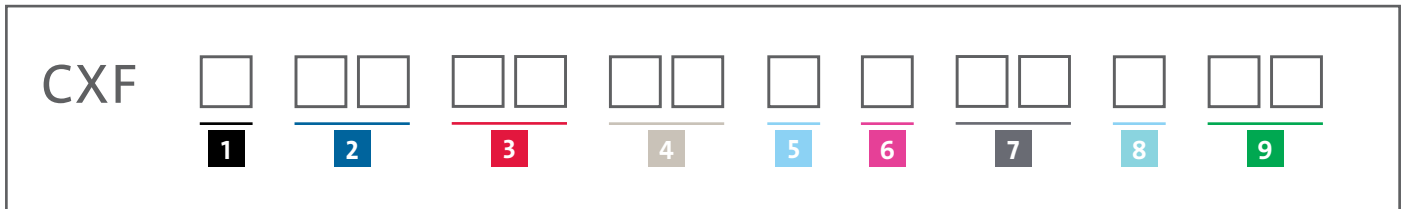
Stubbed housings enable fast network deployments.

Stubbed housings are configurable for stub lengths up to 100 m in 5 m steps, and up to 250 m in 10 m steps. The cable entry side to the housing will be matched with the orientation of the cabinet.

Features and Benefits

- One end connectorised, housed, and tested
- HD cable, indoor and outdoor
- Corning® SMF-28® Ultra fibre – low loss, bend insensitive, G.652.D compliant
- Quick-mount feature on the housing

Ordering Information



1 Select cassettes housing.

- 3 = 1U, 3 cassettes positions
- 6 = 2U, 6 cassettes positions
- C = 4U, 12 cassettes positions

2 Select fibre count per cassette.

- 12 = 12 fibre
- 24 = 24 fibre
- 36 = 36 fibre, only LC

3 Select adapter type.

- 3C = SC UPC
- 6C = SC APC
- A9 = LC UPC
- B3 = LC APC

4 Select connector type, far end.

- 58 = SC UPC
- 44 = SC APC
- 02 = LC UPC
- 22 = LC APC
- NN = None

5 Select leg length.

- K = 60 cm
- (Other lengths available on request.)

6 Select fibre colour code of the cable.

- T = Telcordia
- V = VDE

7 Select cable type (Base 12)*

- Up to 432 F:
- L2 = Breakout cable
- S2 = Loose tube indoor
- Up to 288 F:
- M2 = MiniXtend®

*See cable type sheet for details.

8 Select cable entry direction, viewed from the front.

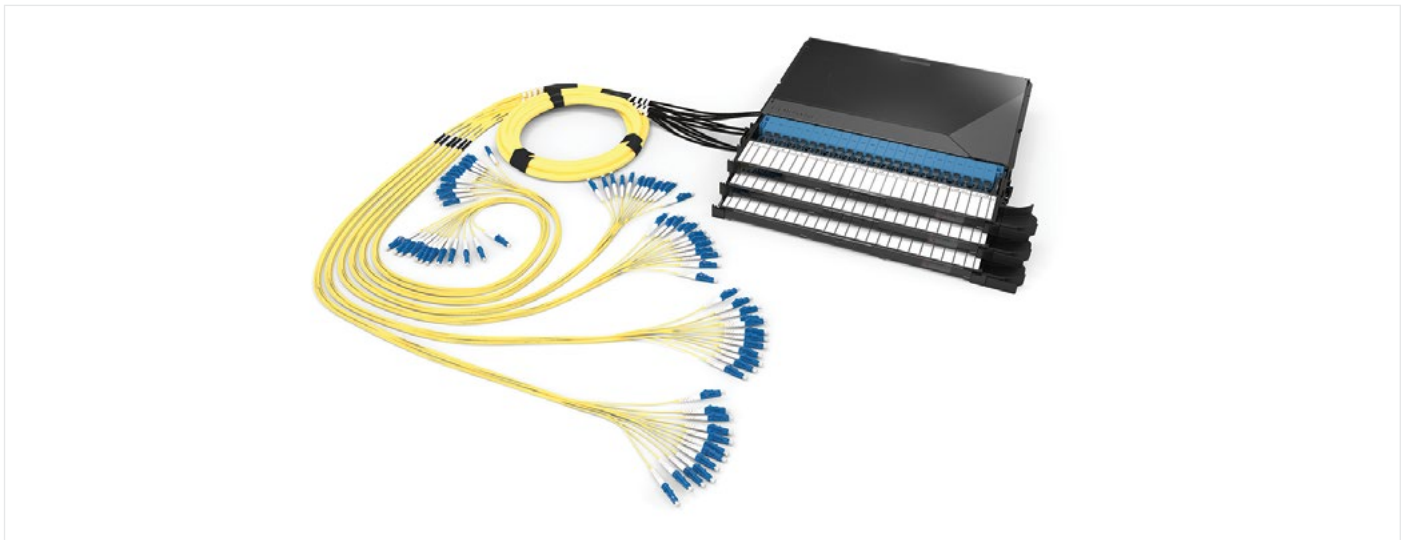
- L = Left
- R = Right
- B = Back (only for 19-in cabinets)

9 Select stubbed cable length.

- 05-95 = 5-95 m
- (Up to 100 m in 5 m increments)
- A0-A9 = 100-190 m
- Z0-Z5 = 200-250 m
- (Stubbed cables beyond 100 m are available in 10 m increments.)
- Maximum length of 250 m



Centrix™ Stubbed Cassettes



Stubbed Cassettes

Stubbed cassettes enable fast network deployments.

Stubbed cassettes are configurable for stub lengths up to 100 m in 5 m steps, and up to 250 m in 10 m steps. The cable entry side to the housing will be matched with the orientation of the cabinet.

Features and Benefits

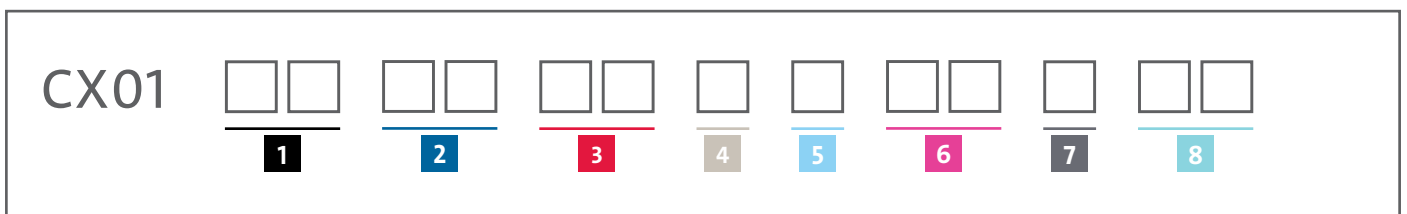
One end connectorised, housed, and tested

HD cable, indoor and outdoor

Corning® SMF-28® fibre – low loss, bend insensitive, G.652.D compliant

Quick-mount feature on the housing

Ordering Information



1 Select fibre count per cassette.

- 12 = 12 fibres
- 24 = 24 fibres
- 36 = 36 fibres, only LC

2 Select adapter type.

- 3C = SC UPC
- 6C = SC APC
- A9 = LC UPC
- B3 = LC APC

3 Select connector type, far end.

- 58 = SC UPC
- 44 = SC APC
- 02 = LC UPC
- 22 = LC APC
- NN = None

4 Select leg length.

- K = 60 cm
- (Other lengths available on request.)

5 Select fibre colour code of the cable.

- T = Telcordia
- V = VDE

6 Select cable type (Base 12)

- MI = MIC™ central tube cable
- MP = MPC central tube cable
- MU = MUC central tube cable

7 Select cable entry direction, viewed from the front.

- L = Left
- R = Right
- B = Back (only for 19-in cabinets)

8 Select stubbed cable length.

- 05-95 = 5-95 m
- (Up to 100 m in 5 m increments)
- A0 - A9 = 100-190 m
- Z0 - Z5 = 200-250 m
- (Stubbed cables beyond 100 m are available in 10 m increments.)
- Maximum length of 250 m

Cable Sheet for Stubbed Housings and Cassettes

This sheet shows the cable types available for each standard fibre count, as well as the typical cable catalogue number, outer diameter, and pulling strength.

All indoor and indoor/outdoor cables are EU Construction Products Regulation (CPR) rated.

Corning has a large portfolio of cable types. For options not listed below, please contact Customer Care at 00800 2676 4641 or cc.emea@corning.com.

Loose Tube

Fibre Count*	Number of Cassettes Required for Various Fibre Counts per Cassette			Typical Catalogue Number (*1) Outer Diameter Strength (N)		
	12 F per Cassette	24 F per Cassette	36 F per Cassette	L2 – Breakout Cable 12 Fibres per Subunit	M2 – MiniXtend® Cable with Binderless† FastAccess™ Technology 12 Fibres per Subunit	S2 – Loose Tube Indoor/Outdoor 12 Fibres per Subunit
36	3	N/A	1	036ZDZ-EB716E2G 7.2 mm 660N	036ZM4-T3F22AMX* 5.4 mm 350N	036ZRU-T7120AYL 10.7 mm 4,000N
72	6	3	2	072ZDZ-EB717E2G 8.3 mm 660N	072ZM4-EB766AMX* 5.4 mm 350N	072ZRU-T7120AYL 10.7 mm 4,000N
144	12	6	4	144ZDZ-EB718E2G 11.3 mm 660N	144ZM4-EB856AMX* 8.1 mm 350N	144ZRU-T7120AYL 15.1 mm 4,000N
288	N/A	12	8	288ZDZ-T6320E2G 15.2mm 900N	288ZM4-EA740ASA 11.6 mm 900N	288ERU-T7122AYL 17.6 mm 4,000N
432	N/A	N/A	12	432ZDZ-T6320E2G 17.6 mm 660N	Please inquire	432ERY-T3122H2G 22.0 mm 2,700N

Central Tube

FC	MP I-MPC Central Tube Cable Black or Slate TB3	MI I-MIC™ Central Tube Cable White TB3	MU I-MUC Central Tube Cable Black 800-1000N TB3
	12	012Z8J-36125ESL 8.7 mm 2,700N	012Z8Z-36125EWH 6.2 mm 800N
24	024Z8J-32120E2G 10.3 mm 2,700N	024Z8Z-36125EWH 8.0 mm 1,000N	024Z8X-32125E2C 8.1 mm 1,500N

*Corning reserves the right to choose a different cable, as long as the key parameters are maintained. Key parameters are fibre mode, cable colour, and flame rating.

†Corning's proprietary binderless FastAccess™ technology refers to the combination of a Corning FastAccess technology jacket with an innovative technology used to bind cable construction through the manufacturing process, eliminating the use of binder yarns and waterblocking tapes.



Centrix™ Loaded Housings



4U Housing with SC APC Cassettes



4U Housing with LC UPC Cassettes



2U Housing with LSH APC Cassettes



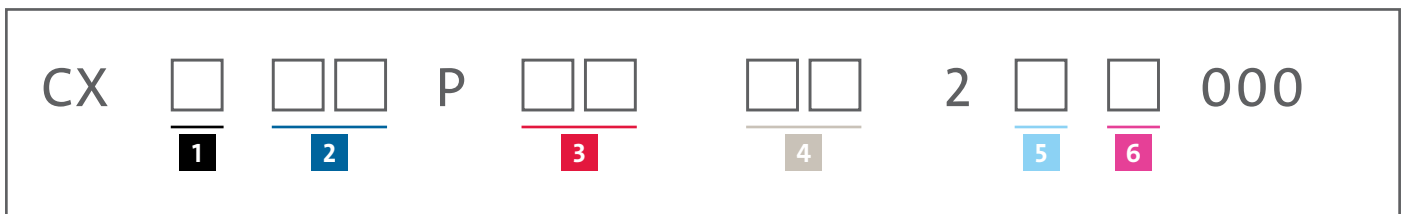
1U Housing with SC APC Cassettes

Centrix™ loaded housings are available with Centrix splice cassettes in different configurations. The cassettes are loaded with adapters, single-fibre pigtailed, and splice accessories already deployed in the housing. This allows for fast installation time and reduced packaging.

Features and Benefits

Loaded housing ready for splicing	Front and top labelling for easy identification
Faster system setup and reduced packaging materials	Captive and transparent covers on both sides of the cassette
300 mm depth for installation in TELCO cabinets	Separated bare fibre and tube slack storage up to 2 m by design
Easy port access and identification	Multiple tube entry from the rear or both sides of the cassette
Integrated patch cord guide supports patch management	

Ordering Information



- 1** Select Centrix housing.
- 1 = 1U, 3 cassette positions
 - 2 = 2U, 6 cassette positions
 - 4 = 4U, 12 cassette positions

- 2** Select total fibre count.
- 36 = 36
 - 72 = 72
 - A8 = 108
 - E4 = 144
 - M6 = 216
 - U8 = 288
 - WW = 432

- 3** Select fibre count per cassette.
- 12 = 12 fibres (LC, SC, or LSH)
 - 24 = 24 fibres (LC or SC)
 - 36 = 36 fibres (LC)

- 4** Select adapter code.
- 6C = SC APC
 - 3C = SC UPC
 - B3 = LC APC
 - A9 = LC UPC
 - P1 = LSH APC
 - P2 = LSH UPC
 - AD = LC duplex

- 5** Defines fibre type.
- R = Single-mode
 - Q = OM4

- 6** Select pigtail type.
- J = Ribbon
 - C = Crimp
 - H = Heat shrink

Centrix™ Empty Housings



1U Housing



2U Housing



4U Housing

Empty Centrix™ housings are available with Centrix splice cassettes in different configurations. The cassettes are loaded with adapters, single-fibre pigtails, and splice accessories already deployed in the housing. This allows for fast installation time and reduced packaging.

Features and Benefits

300 mm depth for installation in TELCO cabinets	Captive and transparent covers on both sides of the cassette
Easy port access and identification	Separated bare fibre and tube slack storage up to 2 m by design
Integrated patch cord guide supports patch management	Multiple tube entry from the rear or both sides of the cassette
Front and top labelling for easy identification	

Ordering Information

Part Number	Height Unit	Dimensions (W x D x H)	Packaging Dimensions (W x D x H)	Shipping Weight
CTX-S1U	1U	310 x 254 x 44.5 mm	530 x 350 x 55 mm	1.7 kg
CTX-S2U	2U	310 x 254 x 89 mm	530 x 350 x 100 mm	2.5 kg
CTX-S4U	4U	310 x 254 x 178 mm	520 x 265 x 500 mm	3.2 kg

Centrix™ Splice Cassettes

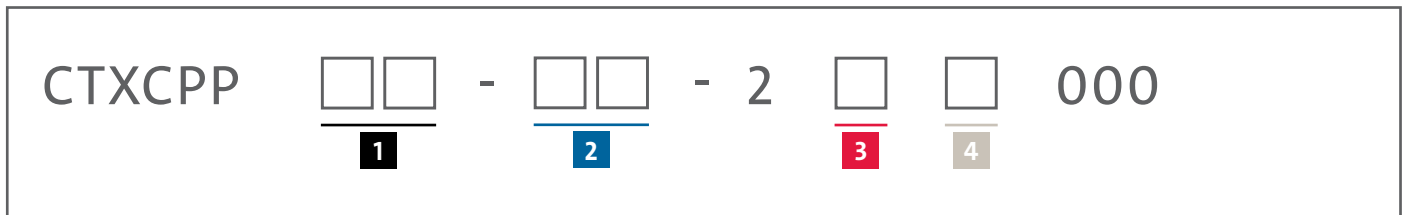


36-Fibre LC APC Splice Cassette

The Centrix™ splice cassette provides single-fibre ports with LC, SC, or LSH connectivity. The cassette is loaded with adapters, coloured single-fibre or ribbon pigtails, splice organizer, and protectors. A drop handle provides fibre port protection and patch cord labelling on front and top of the cassette allows for easy identification. The cassette can slide into Centrix housings and is secured with a latch mechanism. The patch cord guide is on the left side of the cassette, but can be easily changed to the right. The transparent and captive top and bottom covers enable easy handling and visual inspection for troubleshooting. The multiple tube entry points on the cassette allow for flexible loading of buffer tubes and bare fibres in the cassette.

Features and Benefits	
Easy port access and identification	Captive and transparent covers on both sides of the cassette
Integrated patch cord guide supports patch management	Separated bare fibre and tube slack storage up to 2 m by design
Front and top labelling for easy identification	Multiple tube entry from the rear or both sides of the cassette

Ordering Information



- 1** Select fibre count per cassette.

 - 12 = 12 fibres (LC, SC, or LSH)
 - 24 = 24 fibres (LC or SC)
 - 36 = 36 fibres (LC)
- 2** Select adapter code.

 - 6C = SC APC
 - 3C = SC UPC
 - B3 = LC APC
 - A9 = LC UPC
 - P1 = LSH APC
 - P2 = LSH UPC
 - AD = LC duplex OM3/OM4
- 3** Defines fibre type.

 - R = Single-mode
 - Q = OM4

4 Select pigtail type.

 - J = Ribbon
 - C = Crimp
 - H = Heat shrink



Centrix™ Patch Cassettes

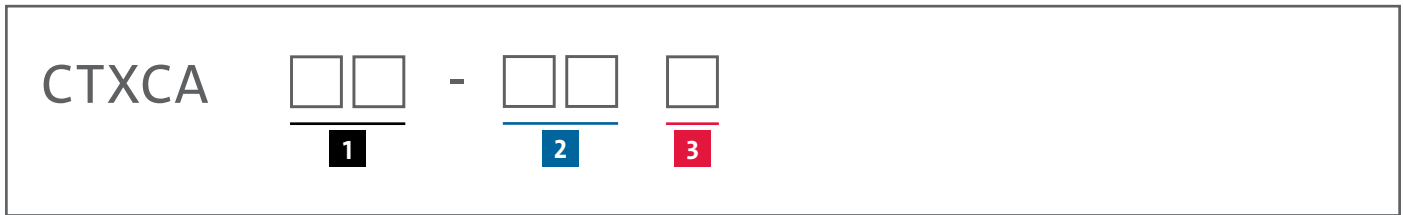


24 LC UPC Patch Cassette

The Centrix™ patch cassette provides LC, SC, or LSH single-fibre ports for patch cords or trunk single-fibre legs. The entry is on the front left, right, or rear side of the cassette and enables cross-connect applications. A drop handle provides fibre port protection and patch cord labelling on the front and top of the cassette allows for easy identification. The cassette can slide into Centrix housings and is secured with a latch mechanism. The patch cord guide is on the left side of the cassette, but can be easily changed to the right. The transparent and captive top and bottom covers enable easy handling and visual inspection for troubleshooting.

Features and Benefits	
Easy port access and identification	Captive and transparent covers on both sides of the cassette
Integrated patch cord guide supports patch management	Separated bare fibre and tube slack storage up to 2 m by design
Front and top labelling for easy identification	Multiple tube entry from the rear or both sides on the cassette

Ordering Information



1 Select total fibre count.*
 12 = 12 fibres (SC)
 24 = 24 fibres (LC or SC)
 36 = 36 fibres (LC)
 *Defined by cable access

2 Select adapter code.
 Single Mode:
 6C = SC APC
 3C = SC UPC
 B3 = LC APC
 A9 = LC UPC
 P1 = LSH APC
 P2 = LSH UPC

3 Select cable access type.
 Rear Access*
 B = Rear access

 Front Access†
 L = Left-front access
 R = Right-front access

 *Rear access will allow for 24 SC max or 36 LC max.
 †Front access will allow for 12 SC max or 24 LC max, due to front entrance space required.



Centrix™ Splitter Cassettes

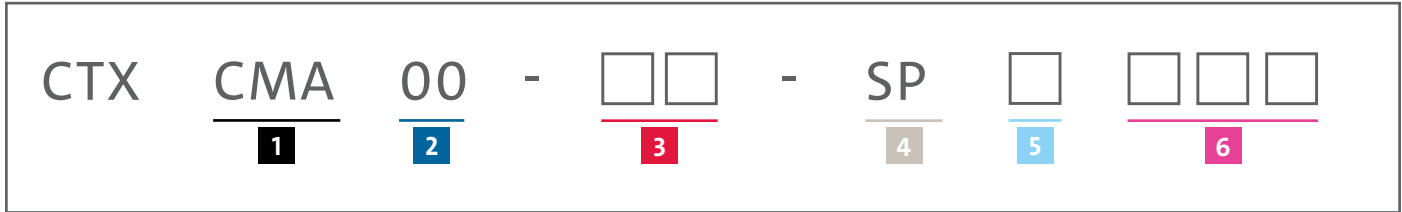


1x32 LC APC Splitter Cassette

The splitter cassettes are available in various splitter options with LC or SC ports allowing for greater network design flexibility. The integrated splitters are based on planar lightwave circuit technology, which has a compact size suited for density applications. All splitters are compatible with Corning’s low-bend-loss ClearCurve® optical fibre (compliant with ITU G.657.A2 standards) with a diameter of 250 µm. A drop handle facilities fibre port protection, patch cord organization, and port labelling. The retractable cassette is secured in the housing with a latch mechanism for tool-free installation and removal.

Features and Benefits	
Easy port access and identification	Front and top labelling for easy identification
Integrated patch cord guide supports patch management	Compliant with IEC-61753-1 and Telcordia’s GR1209 and 1221 standards

Ordering Information



- 1** Defines cassette type, adapters with splitter devices.
CMA = Centrix™ cassette with splitter devices
- 2** Defines reference (future place holder).
00 = Reference place holder
- 3** Select adapter code.
6C = SC APC (24 F maximum)
B3 = APC (36 F maximum)
- 4** Defines device type.
SP = Splitter
- 5** Select number of devices.
1, 2, 3, 4, 5, 6, 7, 8*, or 9*
T = 12*
*1x2 only
- 6** Select split ratio.
102 = 1x2
104 = 1x4
108 = 1x8
116 = 1x16
132 = 1x32

Not all part number configurations are available. Please confirm availability with Customer Care at 00800 2676 4641 or cc.emea@corning.com.



Centrix™ Splitter Cassettes

Technical Information

In		Out		Maximum Splitter Insertion Loss (≤)(dB):	Splitter PDL (Polarisation Dependent Loss) (≤)(dB):	Splitter Uniformity (≤)(dB):	Splitter Uniformity (≤)(dB):
Type	Colour	Type	Colour				
1x SC APC	Green	16x SC APC	Green	13.5	0.3	1.1	55
1x LC APC	Green	16x LC APC	Green	13.5	0.3	1.1	55
1x LC APC	Green	32x LC APC	Green	16.7	0.3	1.5	55
2x LC APC	Green	32x LC APC	Green	17.5	0.4	2.5	55
1x LC APC	Green	16x LC APC	Green	13.5	0.3	1.1	55
1x LC APC	Green	8x LC APC	Green	10.4	0.2	1.0	55
1x LC APC	Green	4x LC APC	Green	7	0.2	0.8	55
1x LC APC	Green	8x LC APC	Green	10.4	0.2	1.0	55
1x LC APC	Green	4x LC APC	Green	7	0.2	0.8	55
1x LC UPC	Blue	8x LC UPC	Blue	10.9	0.2	1.0	55
1x LC UPC	Blue	16x LC UPC	Blue	14	0.3	1.1	55
1x LC UPC	Blue	32x LC UPC	Blue	16.7	0.3	1.5	55
1x LC APC	Green	4x LC APC	Green	7	0.2	0.8	55
1x SC APC	Green	4x SC APC	Green	7	0.2	0.8	55
1x LC APC	Green	2x LC APC	Green	3.6	0.2	0.7	50
2x LC APC	Green	8x LC APC	Green	11.2	0.3	2.2	55



Coarse Wavelength Division Multiplexing (CWDM) Cassettes



2x2 Coupler Coexistence Module

Corning CWDM multiplexers and demultiplexers utilise advanced thin-film filter technology designed to work with less expensive, non-temperature-controlled lasers. CWDM filters are available in industry-standard 20 nm spacing with options for a 1,310 nm RF overlay bypass, as well as single or bidirectional test ports.

Features and Benefits

Passive and outside plant hardened

No power or temperature-controlled environment required

Epoxy-free optical path

Higher reliability

Low insertion loss and high isolation

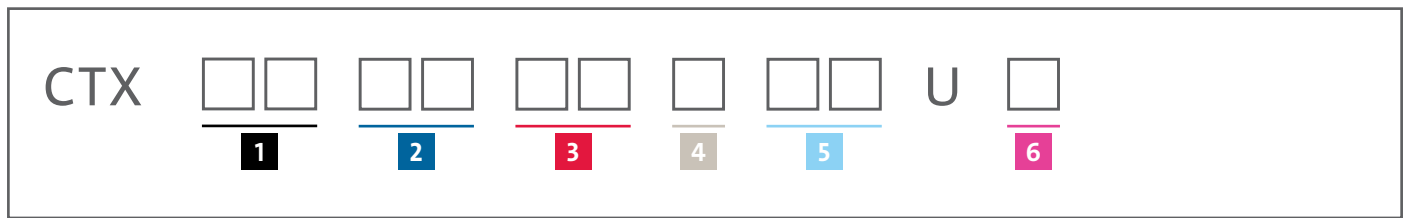
Minimum impact on insertion loss budgets and lower transmission costs

Wavelength		Fibre Colour	
1,270	1,470	Slate	
1,290	1,490	Violet	
1,310	1,510	Blue	
1,330	1,530	Green	
1,350	1,550	Yellow	
1,370	1,570	Orange	
1,390	1,590	Red	
1,410	1,610	Brown	
1,430		White	
1,450		Black	
Test RX		Rose	
Test TX		Aqua	
COM		White	
EXP		Black	
Y		Slate	
W		Slate	
T		Slate	

Colour Codes for CWDM Wavelengths

Coarse Wavelength Division Multiplexing (CWDM) Cassettes

CWDM Cassette Ordering Information



1 Select connector type.

3C = SC UPC simplex
 6C = SC APC simplex
 A9 = LC UPC duplex adapter
 B3 = LC APC duplex adapters

2 Select total number of channel devices.

01 = 1 device mux or demux
 02 = 2 device mux or demux
 03 = 3 device mux or demux
 04 = 4 device mux or demux
 05 = 5 device mux or demux
 06 = 6 device mux or demux
 07 = 7 device mux or demux
 08 = 8 device mux or demux
 09 = 9 device mux or demux
 10 = 10 device mux or demux
 A1 = 11 device mux or demux
 A2 = 12 device mux or demux
 A3 = 13 device mux or demux
 A4 = 14 device mux or demux
 A5 = 15 device mux or demux
 A6 = 16 device mux or demux
 A7 = 17 device mux or demux
 A8 = 18 device mux or demux
 A9 = 19 device mux or demux
 BO = 20 device mux or demux
 11 = 1 device mux and demux
 22 = 2 device mux and demux
 33 = 3 device mux and demux
 44 = 4 device mux and demux
 55 = 5 device mux and demux
 66 = 6 device mux and demux

See Notes 1, 2, and 3.

3 Select first range of two adjacent wavelengths (channels must be consecutive).

Z = No wavelength
 K = 1,270 A = 1,450
 L = 1,290 B = 1,470
 M = 1,310 C = 1,490
 N = 1,330 D = 1,510
 P = 1,350 E = 1,530
 Q = 1,370 F = 1,550
 R = 1,390 G = 1,570
 S = 1,410 H = 1,590
 U = 1,430 J = 1,610
 T = Triplexer (1310 + 1490/1550)
 W = 1,310/1,550
 VH = 1,590 Quadplexer
 VJ = 1,610 Quadplexer
 See Notes 1 and 2

4 Select 1310 option.

- = No 1,310 WDM option
 Y = With 1,310 option

5 Select second range of two adjacent wavelengths (channels must be consecutive).

Z = No wavelength
 K = 1,270 A = 1,450
 L = 1,290 B = 1,470
 M = 1,310 C = 1,490
 N = 1,330 D = 1,510
 P = 1,350 E = 1,530
 Q = 1,370 F = 1,550
 R = 1,390 G = 1,570
 S = 1,410 H = 1,590
 U = 1,430 J = 1,610

See Notes 1 and 2.

6 Select test port.

T = Single 95/5 test port
 D = Bidirectional 99/1 test port
 N = No test port

Notes:

- 1) For selections 3 and 5, must choose a total of four digits – two for each set of adjacent wavelengths; wavelengths not to exceed total number of channels chosen in Section 2.
- 2) If choosing mux OR demux channels, wavelength digit “Z” (no wavelength) will be chosen for one or more of the four wavelength digits.
- 3) Choose the number of devices in Section 2; for example, three quadplexers or four “W” devices.

Not all part number configurations are available. Please confirm availability with Customer Care at 00800 2676 4641 or cc.emea@corning.com.



Multichannel CWDM Connectorised - Concatenated

Parameters	4-Channel	8-Channel	16-Channel
Operating Temperature	-40° to 85°C	-40° to 85°C	-40° to 85°C
Central Wavelengths (nm)	1,271, 1,291, 1,301, 1,311, 1,331, 1,351, 1,371, 1,391, 1,411,	1,431, 1,451, 1,471, 1,491, 1,511, 1,531, 1,551, 1,571, 1,591, 1,611	
Mux and Demux with Connectors			
Channel Spacing (nm)	20	20	20
Channel Passband (nm)	± 6.5	± 6.5	± 6.5
Ripple within Passband (dB)	≤ 0.5	≤ 0.5	≤ 0.5
CWDM Channel Insertion Loss (dB)	≤ 2.2	≤ 3.8	≤ 4.5
Optical Express Channel Insertion Loss (dB)	≤ 1.9	≤ 3.5	≤ 3.9
Nonadjacent Channel Isolation (dB)	≥ 40	≥ 40	≥ 40
Adjacent Channel Isolation (dB)	≥ 30	≥ 30	≥ 30
Directivity (dB)	≥ 50	≥ 50	≥ 50
Return Loss (dB)	≥ 45	≥ 45	≥ 45
Polarisation Dependent Loss (dB)	≤ 0.1	≤ 0.15	≤ 2.0
Polarisation Mode Dispersion (dB)	≤ 0.1	≤ 0.1	≤ 0.1
Mux and Demux with Connectors and 1,310 nm Port			
CWDM Channel Insertion Loss	≤ 2.6	≤ 4.2	≤ 4.9
Isolation of 1310 nm Channel	≥ 40	≥ 40	≥ 40
Mux and Demux with Connectors and 1 Percent Monitoring Port			
CWDM Channel Insertion Loss	≤ 2.7	≤ 4.3	≤ 5.0
Monitoring Port Insertion Loss*	≤ 24	≤ 24	≤ 24

Notes:

*Monitor port insertion loss = Measurement from monitor port - Measurement from common port
 Methodology for calculating the specification for multiple channel CWDM devices
 Reflect IL 0.4 dB - Pass IL 0.7 dB - Connectors (pair) IL 0.3 dB

Examples:

A 4-channel CWDM. Maximum IL = $0.4 \times 3 + 0.7 = 1.9$ dB, when it is with connector the maximum IL = $1.9 + 0.3 = 2.2$ dB
 An 8-channel CWDM. Maximum IL = $0.4 \times 7 + 0.7 = 3.5$ dB, when it is with connector the maximum IL = $3.5 + 0.3 = 3.8$ dB

CWDM Specifications Connectorised Compact

Parameters	4-Channel	8-Channel	16-Channel	4-Channel	8-Channel	16-Channel
Operating Temperature	-40° to 85°C			-10° to 60°C		
Central Wavelengths (nm)	1,271, 1,291, 1,311, 1,331, 1,351, 1,371, 1,391, 1,411, 1,431, 1,451, 1,471, 1,491, 1,511, 1,531, 1,551, 1,571, 1,591, 1,611			1,271, 1,291, 1,311, 1,331, 1,351, 1,371, 1,391, 1,411, 1,431, 1,451, 1,471, 1,491, 1,511, 1,531, 1,551, 1,571, 1,591, 1,611		
Mux and Demux with Connectors						
Channel Spacing (nm)	20	20		20	20	
Channel Passband (nm)	± 6.5	± 6.5		± 6.5	± 6.5	
Ripple within Passband (dB)	≤ 0.5	≤ 0.5		≤ 0.5	≤ 0.5	
CWDM Channel Insertion Loss (dB)	≤ 1.8	≤ 2.1		≤ 1.6	≤ 1.9	
Optical Express Channel Insertion Loss (dB)	≤ 1.8	≤ 2.1		≤ 1.6	≤ 1.9	
Nonadjacent Channel Isolation (dB)	≥ 45	≥ 45		≥ 45	≥ 45	
Adjacent Channel Isolation (dB)	≥ 30	≥ 30		≥ 30	≥ 30	
Directivity (dB)	≥ 50	≥ 50		≥ 50	≥ 50	
Return Loss (dB)	≥ 45	≥ 45		≥ 45	≥ 45	
Polarisation Dependent Loss (dB)	≤ 0.2	≤ 0.2		≤ 0.2	≤ 0.2	
Polarisation Mode Dispersion (dB)	≤ 0.2	≤ 0.2		≤ 0.2	≤ 0.2	
Mux and Demux with Connectors and 1,310 nm Port						
CWDM Channel Insertion Loss	≤ 2.0	≤ 2.3		≤ 1.8	≤ 2.1	
Isolation of 1,310 nm Channel	≥ 40	≥ 40		≥ 40	≥ 40	
Mux and Demux with Connectors and 5 Percent Monitoring Port						
CWDM Channel Insertion Loss	≤ 2.2	≤ 2.5		≤ 2.0	≤ 2.3	
Monitoring Port Insertion Loss	≤ 15.5	≤ 15.5		≤ 15.5	≤ 15.5	
Mux and Demux with Connectors and 1 Percent Monitoring Port						
CWDM Channel Insertion Loss	≤ 2.2	≤ 2.5		≤ 1.9	≤ 2.2	
Monitoring Port Insertion Loss	≤ 24	≤ 24		≤ 24	≤ 24	

Notes:

Monitor port insertion loss = Measurement from monitor port - Measurement from common port

Methodology for calculating the specification for multiple channel CWDM devices

Reflect IL 0.4 dB - Pass IL 0.7 dB - Connectors (pair) IL 0.3 dB

Examples:

A 4-channel CWDM. Maximum IL = $0.4 \times 3 + 0.7 = 1.9$ dB, when it is with connector the maximum IL = $1.9 + 0.3 = 2.2$ dB

An 8-channel CWDM. Maximum IL = $0.4 \times 7 + 0.7 = 3.5$ dB, when it is with connector the maximum IL = $3.5 + 0.3 = 3.8$ dB

Dense Wavelength Division Multiplexing (DWDM) Cassettes

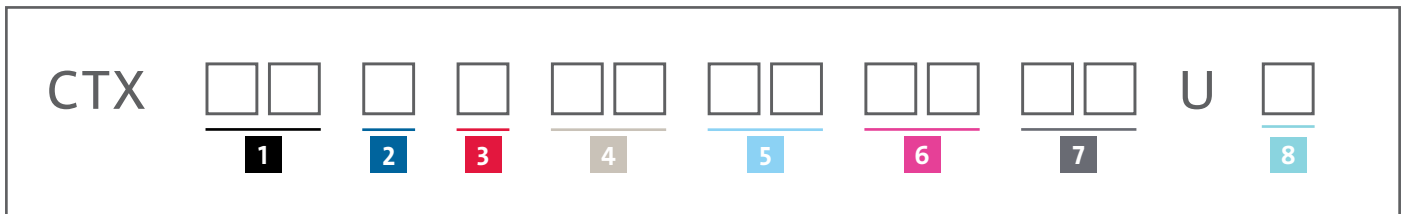


8-Channel Mux or Demux, 1,470-1,610 with 1,310 Port, SC UPC Cassette

Corning DWDM multiplexers and demultiplexers utilise advanced thin-film filters and thermal waveguide technology designed for low insertion loss, high isolation, and excellent temperature stability in a totally passive device. They are available in various channel counts at ITU-industry standard 100 and 200 GHz spacing in both the C and L band. Corning's DWDM devices are Telcordia GR-1209 and GR-1221 compliant and have a wide variety of packaging options.

Features and Benefits
Passive and outside plant hardened
No power or temperature-controlled environment required
Epoxy-free optical path
Higher reliability
Low insertion loss and high isolation
Minimum impact on insertion loss budgets and lower transmission costs
Transport protocol independent
Flexibility

Ordering Information



1 Select connector type.

Single-mode:
 3C = SC UPC simplex
 6C = SC APC simplex
 A9 = LC UPC duplex adapters
 B3 = LC APC duplex adapters

2 Select channel spacing.

1 = 100 GHz*
 2 = 200 GHz
 *Select 1 for single-channel devices.

3 Select type.

A = Mux or demux*
 B = Mux and demux
 *Select A for single-channel devices.
 See Note 1.

4 Select number of channels, set one.

nn = Number of channels
 04 = Four channels
 08 = Eight channels
 11 = Eleven channels
 16 = Sixteen channels
 32 = Thirty-two channels*
 *See Note 2.

5 Select ITU grid first channel, set one.

21 = C21 (1560.61 nm, 192.10 THz)
 ZZ = No selection
 See Note 1.

6 Select number of channels, set two.

nm = Number of channels
 04 = Four channels
 08 = Eight channels
 11 = Eleven channels
 16 = Sixteen channels
 32 = Thirty-two channels
 00 = No selection
 See Note 2.

7 Select ITU grid first channel, set two.

21 = C21 (1,560.61 nm, 192.10 THz)
 ZZ = No selection
 See Note 1.

8 Select test port.

Y = Single 95/5 test port
 D = Bidirectional 99/1 test port
 N = No test port

Notes:

- 1) For selections 3, 5, and 7, pick odd (C21, C23, C25...) or even (C20, C22, C24) starting points for 200 GHz channel spacing.
- 2) For selections 4 and 6, 16 channel building blocks are used; e.g., a 36-channel arrangement concatenates to two 16-channel building blocks.

Not all part number configurations are available. Please confirm availability with Customer Care at 00800 2676 4641 or cc.emea@corning.com.



Multichannel DWDM Connectorised - Concatenated

Parameters	4-Channel		8-Channel		16-Channel		32-Channel		40-Channel	
Operating Temperature	-40° to 85°C		-40° to 85°C		-40° to 85°C		-40° to 85°C			
Frequency Spacing (GHz)	100	200	100	200	100	200	100	200	100	200
Mux and Demux with Connectors										
Channel Spacing (nm)										
Channel Passband (nm)	± 0.11	± 0.25	± 0.11	± 0.25	± 0.11	± 0.25	± 0.11	± 0.25	± 0.11	± 0.25
Ripple within Passband (dB)	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5	≤ 0.5
DWDM Channel Insertion Loss (dB)	≤ 2.5	≤ 2.35	≤ 4.3	≤ 3.95	≤ 5.15	≤ 4.8	≤ 5.65	≤ 5.15	≤ 6.1	≤ 5.55
Optical Express Channel Insertion Loss (dB)	≤ 2.1	≤ 1.9	≤ 3.9	≤ 3.5	≤ 4.35	≤ 3.9	≤ 5.25	≤ 4.7	≤ 5.7	≤ 5.1
Nonadjacent Channel Isolation (dB)	≥ 40	≥ 40	≥ 40	≥ 40	≥ 40	≥ 40	≥ 40	≥ 40	≥ 40	≥ 40
Adjacent Channel Isolation (dB)	≥ 30	≥ 30	≥ 30	≥ 30	≥ 30	≥ 30	≥ 30	≥ 30	≥ 30	≥ 30
Directivity (dB)	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50	≥ 50
Return Loss (dB)	≥ 45	≥ 45	≥ 45	≥ 45	≥ 45	≥ 45	≥ 45	≥ 45	≥ 45	≥ 45
Polarisation Dependent Loss (dB)	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2	≤ 0.2
Polarisation Mode Dispersion (dB)	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1	≤ 0.1
Mux and Demux with Connectors and 1,310 nm Port										
DWDM Channel Insertion Loss	≤ 2.95	≤ 2.75	≤ 4.75	≤ 4.35	≤ 5.2	≤ 4.75	≤ 6.1	≤ 5.55	≤ 6.55	≤ 5.95
Isolation of 1,310 nm Channel	≥ 40	≥ 40	≥ 40	≥ 40	≥ 40	≥ 40	≥ 40	≥ 40	≥ 40	≥ 40
Mux and Demux with Connectors and 5 Percent Monitoring Port										
DWDM Channel Insertion Loss	≤ 3.1	≤ 2.9	≤ 4.9	≤ 4.5	≤ 5.3	≤ 4.9	≤ 6.2	≤ 5.7	≤ 6.7	≤ 6.1
Monitoring Port Insertion Loss*	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5
Mux and Demux with Connectors and 2 Percent Monitoring Port										
DWDM Channel Insertion Loss	≤ 3.1	≤ 2.9	≤ 4.9	≤ 4.5	≤ 5.3	≤ 4.9	≤ 6.2	≤ 5.7	≤ 6.7	≤ 6.1
Monitoring Port Insertion Loss*	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5
Mux and Demux with Connectors and 1 Percent Monitoring Port										
DWDM Channel Insertion Loss	≤ 3.1	≤ 2.9	≤ 4.9	≤ 4.5	≤ 5.3	≤ 4.9	≤ 6.2	≤ 5.7	≤ 6.7	≤ 6.1
Monitoring Port Insertion Loss*	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5	≤ 15.5

Notes:

*Monitor port insertion loss = Measurement from monitor port - Measurement from common port

*All values specified are with connectors.

DWDM Channels										
100 GHz Channels	Wavelength (in nm)	Frequency (in THz)	100 GHz Channels	Wavelength (in nm)	Frequency (in THz)					Popular Channels
(DWDM Channel C36)	1,548.51	193.60	(DWDM Channel C72)	1,520.25	197.20					C60
(DWDM Channel C35)	1,549.32	193.50	(DWDM Channel C71)	1,521.02	197.10					C59
(DWDM Channel C34)	1,550.12	193.40	(DWDM Channel C70)	1,521.79	197.00					C58
(DWDM Channel C33)	1,550.92	193.30	(DWDM Channel C69)	1,522.56	196.90					C57
(DWDM Channel C32)	1,551.72	193.20	(DWDM Channel C68)	1,523.34	196.80					C56
(DWDM Channel C31)	1,552.52	193.10	(DWDM Channel C67)	1,524.11	196.70					C55
(DWDM Channel C30)	1,553.33	193.00	(DWDM Channel C66)	1,524.89	196.60					C54
(DWDM Channel C29)	1,554.13	192.90	(DWDM Channel C65)	1,525.66	196.50					C53
(DWDM Channel C28)	1,554.94	192.80	(DWDM Channel C64)	1,526.44	196.40					C52
(DWDM Channel C27)	1,555.75	192.70	(DWDM Channel C63)	1,527.22	196.30					C51
(DWDM Channel C26)	1,556.55	192.60	(DWDM Channel C62)	1,527.99	196.20					C50
(DWDM Channel C25)	1,557.36	192.50	(DWDM Channel C61)	1,528.77	196.10					C49
(DWDM Channel C24)	1,558.17	192.40	(DWDM Channel C60)	1,529.55	196.00					C48
(DWDM Channel C23)	1,558.98	192.30	(DWDM Channel C59)	1,530.33	195.90					C47
(DWDM Channel C22)	1,559.79	192.20	(DWDM Channel C58)	1,531.12	195.80					C46
(DWDM Channel C21)	1,560.61	192.10	(DWDM Channel C57)	1,531.90	195.70					C45
(DWDM Channel C20)	1,561.42	192.00	(DWDM Channel C56)	1,532.68	195.60					C44
(DWDM Channel C19)	1,562.23	191.90	(DWDM Channel C55)	1,533.47	195.50					C43
(DWDM Channel C18)	1,563.05	191.80	(DWDM Channel C54)	1,534.25	195.40					C42
(DWDM Channel C17)	1,563.86	191.70	(DWDM Channel C53)	1,535.04	195.30					C41
(DWDM Channel C16)	1,564.68	191.60	(DWDM Channel C52)	1,535.82	195.20					C40
(DWDM Channel C15)	1,565.50	191.50	(DWDM Channel C51)	1,536.61	195.10					C39
(DWDM Channel C14)	1,566.31	191.40	(DWDM Channel C50)	1,537.40	195.00					C38
(DWDM Channel C13)	1,567.13	191.30	(DWDM Channel C49)	1,538.19	194.90					C37
(DWDM Channel C12)	1,567.95	191.20	(DWDM Channel C48)	1,538.98	194.80					C36
(DWDM Channel C11)	1,568.67	191.10	(DWDM Channel C47)	1,539.77	194.70					C35
(DWDM Channel C10)	1,569.59	191.00	(DWDM Channel C46)	1,540.56	194.60					C34
(DWDM Channel C09)	1,570.42	190.90	(DWDM Channel C45)	1,541.35	194.50					C33
(DWDM Channel C08)	1,571.24	190.80	(DWDM Channel C44)	1,542.14	194.40					C32
(DWDM Channel C07)	1,572.06	190.70	(DWDM Channel C43)	1,542.94	194.30					C31
(DWDM Channel C06)	1,572.89	190.60	(DWDM Channel C42)	1,543.73	194.20					C30
(DWDM Channel C05)	1,573.71	190.50	(DWDM Channel C41)	1,544.53	194.10					C29
(DWDM Channel C04)	1,574.54	190.40	(DWDM Channel C40)	1,545.32	194.00					C28
(DWDM Channel C03)	1,575.37	190.30	(DWDM Channel C39)	1,546.12	193.90					C27
(DWDM Channel C02)	1,576.20	190.20	(DWDM Channel C38)	1,546.92	193.80					C26
(DWDM Channel C01)	1,577.03	190.10	(DWDM Channel C37)	1,547.72	193.70					C25
										C24
										C23
										C22
										C21

4 8 16 32 40



Centrix™ MTP® Modules



MTP 12-Fibre LC UPC Module

Centrix™ MTP® modules provide the interface between MTP trunks or patch cords to LC or CS® connectivity, which can be used for cross-connects or into the electronics. The MTP ports are available on the left or right side of the front of cassette for individual network designs. The MPO adapters split the incoming fibres in LC or SC single-fibre ports. A drop handle facilitates fibre port protection, patch cord organization, and port labelling. The cassette can slide into Centrix housings and is secured with a latch mechanism. The patch cord guide is located on the left side of the cassette but can be easily changed to the right side with accessories.

Ordering Information

CX01									
	1	2	3		4		5		

1 Select fibre count per cassette.

- 12 = 12 fibres
- 24 = 24 fibres
- 36 = 36 fibre, only LC

2 Select adapter type.

- 3C = SC UPC
- 6C = SC APC
- A9 = LC UPC
- B3 = LC APC

3 Select preterminated MTP type.

- 89 = MTP 12 F pinned E9 Ultra
- 90 = MTP 12 F non-pinned E9 Ultra

4 Select polarity.

- U = Universal
- S = Straight

5 Select MTP position.

- Front Access:
- L = Left
 - R = Right

- Rear Access:
- B = Back

Centrix™ Stubbed MTP® Modules



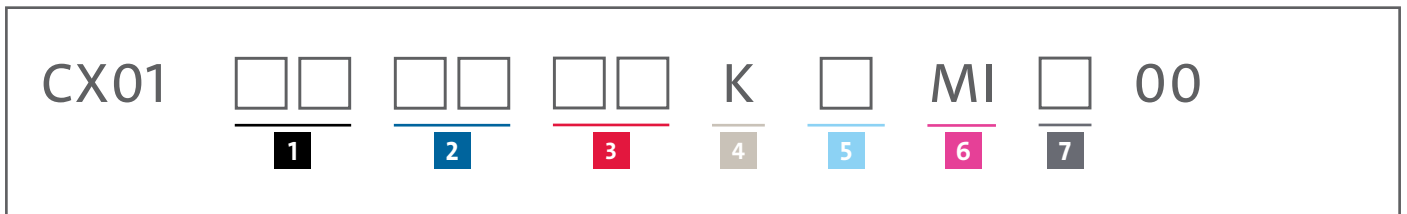
36 LC UPC Stubbed Cassettes with MTPs



36 LC APC Stubbed Cassettes with MTPs

Centrix™ stubbed MTP® modules provide the interface between high-density MTP trunks to LC or CS® connectivity, which can be used for cross-connect applications. The 60 cm MTP legs are available on the left, right, or the rear of the cassette for individual network designs. The MPO adapters split the incoming fibres in LC or SC single-fibre ports. A drop handle facilitates fibre port protection, patch cord organization, and labelling on front and top of the cassette. The cassette can slide into Centrix housings and is secured with a latch mechanism. The patch cord guide is located on the left side of the cassette but can be easily changed to the right side with accessories.

Ordering Information



1 Select fibre count per cassette.

- 12 = 12 fibres
- 24 = 24 fibres
- 36 = 36 fibres, only LC

2 Select adapter type.

- 3C = SC UPC
- 6C = SC APC
- A9 = LC UPC
- B3 = LC APC

3 Select preterminated MTP type.

- 89 = MTP 12 F pinned E9 Ultra
- 90 = MTP 12 F non-pinned E9 Ultra

4 Select leg length.

- K = 60 cm
- Other lengths available on request.*

5 Select polarity.

- U = Universal
- S = Straight

6 Select cable type.

- MI = MIC™ central tube cable

7 Select cable entry direction, viewed from the front.

- L = Left
- R = Right
- B = Back (only for 19-in cabinets)

Patch Cords



SC UPC - SC APC



LC UPC - LC UPC



SC APC - SC APC

Value Prop

- The Centrix™ cable assembly provides fast installation with patch cords
- Populate up to four cabinets with one single patch cord length (4 m) for all cross-connects in single, dual, or quad cabinets

Density

- Simplex or duplex

Cable Types

- LSZH™ or plenum

Cable Diameter

- 1.6 mm or 2.0 mm with bend-optimised cable

Connector Options

- LC, SC, or LSH
- APC or UPC polishing

Reference Standard Single, Dual, or Quad Cabinet Cross-Connect Patch Cord Part Numbers

Part Number	Description
444401G3Z16004M	Patch Cord, single-mode, SC APC to SC APC, 4 m long, 1.6 mm outer diameter
585801G3Z16004M	Patch Cord, single-mode, SC UPC to SC UPC, 4 m long, 1.6 mm outer diameter
222201G3Z16004M	Patch Cord, single-mode, LC APC to LC APC, 4 m long, 1.6 mm outer diameter
020201G3Z16004M	Patch Cord, single-mode, LC UPC to LC UPC, 4 m long, 1.6 mm outer diameter
224401G3Z16004M	Patch Cord, single-mode, LC APC to SC APC, 4 m long, 1.6 mm outer diameter
191901G3Z16004M	Patch Cord, single-mode, LSH UPC to LSH UPC, 4 m long, 1.6 mm outer diameter
202001G3Z16004M	Patch Cord, single-mode, LSH APC to LSH APC, 4 m long, 1.6 mm outer diameter

Corning recommends 1.6 mm patch cords for use in the Centrix solution. Full-size Centrix frames support 2,880 to 4,320 patch cords predicted on the connector selection. Other configurations are available. Please confirm availability with Customer Care at 00800 2676 4641 or cc.emea@corning.com.

CORNING

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