

# **CABLES & OEM**



# CircaMax Supporting a World of Communications

CircaMax is an innovative leader. We are experts in providing connectivity solutions to the information technology, telecommunication and data communication industries in North America. We manufacture surge protection and wired products including cable assemblies, connectors, adaptors, computer networking components, custom cable products, RF coaxial cables, lightning and surge protectors, and NEMA rated enclosures. With an extensive product portfolio and experienced staff, we are certain to help find a solution to your needs.

We have over 30 years of experience designing and manufacturing custom wired connectivity products. Our manufacturing facilities can build just about every type of copper or fiber cable assembly as well as custom connectors, adaptors, RF amplifiers, surge protectors, NEMA enclosures and more. Our product support specialists can help your company with specific protection and cabling not readily available off-the-shelf elsewhere.

We at CircaMax pride ourselves in delivering superb connectivity solutions to our customers while maintaining an unmatched level of service. Our commitment to providing our customers not only with exceptional and innovative products at competitive prices, but also an outstanding customer service experience is what distinguishes CircaMax from the competition. We want you to know we value you as a customer and your satisfaction is our priority. We work with you to help your business run smoothly.

















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# **CUSTOM & OEM**

**CircaMax is an innovative leader.** We are experts in providing connectivity solutions to the telecommunications, information technology, and data communication industries in North America. Our product portfolio includes custom cable assemblies, connectors, adaptors, computer networking components, RF coaxial cables, light-ning and surge protectors, and NEMA rated enclosures.

#### We Provide Quality You Can Trust

We are ISO 9001: 2008 certified and many of our products are UL® recognized. CircaMax offers custom cable manufacturing services to Original Equipment Manufacturers from prototype to full production. We proudly use a Quality Management System to ensure process and component excellence and have strict standards. Our product support specialists can provide you with unique protection and cabling not readily available off-the-shelf elsewhere. Our mandate is to provide high quality, innovative products at affordable prices. We are here to help you make your business run smoothly.

#### **History of Excellence**

CircaMax has over 30 years of experience in designing and manufacturing custom wired connectivity products that are highly reliable and exceed expectations. At our manufacturing facilities we can build nearly every type of cable assembly as well as custom connectors, adaptors, RF cables , surge protectors, NEMA enclosures and more. Whether it is a simple straightforward cable, or more complex cables specifically engineered to tight tolerances, we can build it! CircaMax has engineered solutions for various original equipment manufacturers ranging from small local companies to large corporations.



#### Personalized Customer Service

Knowledgeable sales support and technical engineering experts will work along with you to design and develop your unique custom cable. Think of us as an extension of your business. We can provide a prototype of the cable for your approval, before production continues, to ensure proof of concept before commitment.

#### We Offer Low Minimums

While other companies try to sell their customers hundreds or even thousands of units of their custom assembly, CircaMax understands that you don't always need high volumes. We offer low minimum order quantities to provide you with a solution to meet your needs.

#### **Capabilities & Benefits**

- Over 30 years of Experience
- Highly skilled assemblers
- Custom labelling
- Hundreds of connector types: Solder, IDC, Crimp
- Semi-automatic wire processing and crimping equipment
- Large stock of common wire and parts
- Low minimum order quantity
- ISO9001:2008 quality system
- Highest quality workmanship
- 100% electrically tested
- 5 year warranty on custom cables
- Prototype to full production with first article approvals
- All assembly drawings maintained for easy re-ordering
- Experience over a broad range of markets including:
  - Oil & Gas

- Medical & Health Care
   Contract Manufacturers
- AgriculturalIndustrial Equipment
- Transportation
- Aviation
- Military
- PC/WHMA-A-620A Cable and Wiring Acceptability Standard
- SAE-AS4461 Standard for soldering wire and cable terminations in aerospace vehicles

Our experts work with you from concept all the way to full production runs







# Certified CAT6 Features and Benefits

Patch cords are often the weakest link in your network. Low quality patch cords that appear to function properly may, in reality, degrade performance by introducing bit errors that generate retransmissions and increase network overhead. The easiest way to solve this problem is to start with quality patch cords - those that are certified to exceed the highest performance level for copper premise wiring. In other words, for quality and performance be sure your patch cords are from CircaMax.

#### DATAMAX CERTIFIED PERFORMANCE UTP CORDS

- Unique snagless tab with long reach and soft plastic boot make it easy on the thumb and easy to connect on crowded switches and panels
- Tested and certified performance for Category 5e and Category 6/6a
- Large selection of colors and lengths as well as custom lengths
- Backward compatible with legacy categories

#### DATAMAX 6E®

- Certified to exceed the TIA/EIA-568-B.2-1 CAT6 standard
- Interoperable with OEM CAT6 permanent links

#### DATAMAX 5e ®

- Certified to exceed the TIA/EIA-568-B.2 CAT5e standard
- Interoperable with OEM CAT5e permanent links

#### DATAMAX IE Certified ® Industrial Ethernet

- Certified to exceed the TIA/EIA-568-B.2 CAT5e standard
- Rugged polyurethane jacket
- Resistant to fuel, oils and chemicals
- Good to -40 degrees
- Crush and abrasion resistant
- NEXT margin 3-4 times greater than CAT5e

# CERTIFIED PERFORMANCE SCREENED PATCH CORDS

- Fully shielded CAT5e and CAT6 for improved performance in electrically noisy environments
- Custom lengths made to order
- Backward compatible with all legacy categories

#### SCREENED CAT5E INDUSTRIAL

- Rugged polyurethane jacket
- Resistant to fuel, oils, and chemicals
- Good to -40 degrees
- Crush and abrasion resistant

#### MOLDED PATCH CORDS

- Choose from Category 5e or Category 6
- Flexible molded boot
- For non-mission critical applications
- Available in standard lengths and colors

#### AVAILABLE COLORS





Visit www.circamax.com for more information

# **COMPUTER CABLES**

# Certified CAT6 Color Coding Chart

Length (FT)	Blue	Red	Black	Orange	Purple
L, L,	CAT61BL3UI	CAT61RD3U1	CAT61BK3UI	CAT61OR3UI	CAT61VT3UI
1.5'	CAT61BL3U1.5	CAT6IRD3UI.5	CAT61BK3U1.5	CAT61OR3U1.5	CAT6IVT3UI.5
2'	CAT61BL3U2	CAT61RD3U2	CAT61BK3U2	CAT61OR3U2	CAT61VT3U2
3'	CAT61BL3U3	CAT61RD3U3	CAT61BK3U3	CAT61OR3U3	CAT61VT3U3
4'	CAT61BL3U4	CAT61RD3U4	CAT61BK3U4	CAT61OR3U4	CAT61VT3U4
5'	CAT61BL3U5	CAT61RD3U5	CAT61BK3U5	CAT61OR3U5	CAT61VT3U5
6'	CAT61BL3U6	CAT61RD3U6	CAT61BK3U6	CAT61OR3U6	CAT61VT3U6
7'	CAT61BL3U7	CAT61RD3U7	CAT61BK3U7	CAT61OR3U7	CAT61VT3U7
8'	CAT61BL3U8	CAT61RD3U8	CAT61BK3U8	CAT61OR3U8	CAT61VT3U8
9'	CAT61BL3U9	CAT61RD3U9	CAT61BK3U9	CAT61OR3U9	CAT61VT3U9
10'	CAT61BL3U10	CAT61RD3U10	CAT61BK3U10	CAT61OR3U10	CAT61VT3U10
11'	CAT61BL3U11	CAT61RD3U11	CAT61BK3U11	CAT61OR3U11	CAT61VT3U11
12'	CAT61BL3U12	CAT61RD3U12	CAT61BK3U12	CAT61OR3U12	CAT61VT3U12
١3'	CAT61BL3U13	CAT61RD3U13	CAT61BK3U13	CAT61OR3U13	CAT61VT3U13
14'	CAT61BL3U14	CAT6IRD3UI4	CAT61BK3U14	CAT61OR3U14	CAT61VT3U14
١5'	CAT61BL3U15	CAT6IRD3UI5	CAT61BK3U15	CAT61OR3U15	CAT61VT3U15
۱6'	CAT61BL3U16	CAT61RD3U16	CAT61BK3U16	CAT61OR3U16	CAT61VT3U16
١7'	CAT61BL3U17	CAT6IRD3UI7	CAT61BK3U17	CAT61OR3U17	CAT61VT3U17
18'	CAT61BL3U18	CAT61RD3U18	CAT61BK3U18	CAT61OR3U18	CAT61VT3U18
19'	CAT61BL3U19	CAT61RD3U19	CAT61BK3U19	CAT61OR3U19	CAT61VT3U19
20'	CAT61BL3U20	CAT61RD3U20	CAT61BK3U20	CAT61OR3U20	CAT61VT3U20
25'	CAT61BL3U25	CAT61RD3U25	CAT61BK3U25	CAT61OR3U25	CAT61VT3U25
30'	CAT61BL3U30	CAT61RD3U30	CAT61BK3U30	CAT61OR3U30	CAT61VT3U30
35'	CAT61BL3U35	CAT61RD3U35	CAT61BK3U35	CAT61OR3U35	CAT61VT3U35
40'	CAT61BL3U40	CAT61RD3U40	CAT61BK3U40	CAT61OR3U40	CAT61VT3U40
45'	CAT61BL3U45	CAT61RD3U45	CAT61BK3U45	CAT61OR3U45	CAT61VT3U45
50'	CAT61BL3U50	CAT61RD3U50	CAT61BK3U50	CAT61OR3U50	CAT61VT3U50
55'	CAT61BL3U55	CAT61RD3U55	CAT61BK3U55	CAT61OR3U55	CAT61VT3U55
60'	CAT61BL3U60	CAT61RD3U60	CAT61BK3U60	CAT61OR3U60	CAT61VT3U60

\*\* Please contact us to inquire about our CAT6 cables in extended lengths and our CAT6 crossover.



# Certified CAT6 Color Coding Chart

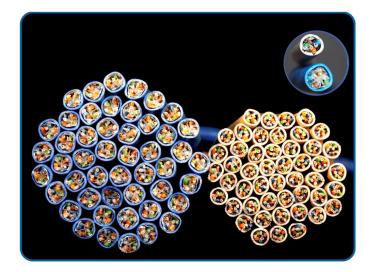
Length (FT)	Yellow	Green	Grey	White
Ľ	CAT61YL3UI	CAT61GN3UI	CAT61GY3UI	CAT61WT3UI
1.5'	CAT61YL3U1.5	CAT6IGN3UI.5	CAT61GY3UI.5	CAT61WT3UI.5
2'	CAT61YL3U2	CAT61GN3U2	CAT61GY3U2	CAT61WT3U2
3'	CAT61YL3U3	CAT61GN3U3	CAT61GY3U3	CAT61WT3U3
4'	CAT61YL3U4	CAT61GN3U4	CAT61GY3U4	CAT61WT3U4
5'	CAT61YL3U5	CAT61GN3U5	CAT61GY3U5	CAT61WT3U5
6'	CAT61YL3U6	CAT61GN3U6	CAT61GY3U6	CAT61WT3U6
7'	CAT61YL3U7	CAT61GN3U7	CAT61GY3U7	CAT61WT3U7
8'	CAT61YL3U8	CAT61GN3U8	CAT61GY3U8	CAT61WT3U8
9'	CAT61YL3U9	CAT61GN3U9	CAT61GY3U9	CAT61WT3U9
10'	CAT61YL3U10	CAT61GN3U10	CAT61GY3UI0	CAT61WT3U10
11'	CAT61YL3U11	CAT61GN3U11	CAT61GY3U11	CAT61WT3U11
12'	CAT61YL3U12	CAT61GN3U12	CAT6IGY3UI2	CAT61WT3U12
13'	CAT61YL3U13	CAT61GN3U13	CAT61GY3UI3	CAT61WT3U13
4'	CAT61YL3U14	CAT61GN3U14	CAT6IGY3UI4	CAT61WT3U14
15'	CAT61YL3U15	CAT61GN3U15	CAT6IGY3UI5	CAT61WT3U15
16'	CAT61YL3U16	CAT61GN3U16	CAT61GY3U16	CAT61WT3U16
17'	CAT61YL3U17	CAT61GN3U17	CAT6IGY3UI7	CAT61WT3U17
18'	CAT61YL3U18	CAT61GN3U18	CAT61GY3U18	CAT61WT3U18
19'	CAT61YL3U19	CAT61GN3U19	CAT6IGY3UI9	CAT61WT3U19
20'	CAT61YL3U20	CAT61GN3U20	CAT61GY3U20	CAT61WT3U20
25'	CAT61YL3U25	CAT61GN3U25	CAT61GY3U25	CAT61WT3U25
30'	CAT61YL3U30	CAT61GN3U30	CAT61GY3U30	CAT61WT3U30
35'	CAT61YL3U35	CAT61GN3U35	CAT61GY3U35	CAT61WT3U35
40'	CAT61YL3U40	CAT61GN3U40	CAT61GY3U40	CAT61WT3U40
45'	CAT61YL3U45	CAT61GN3U45	CAT61GY3U45	CAT61WT3U45
50'	CAT61YL3U50	CAT61GN3U50	CAT61GY3U50	CAT61WT3U50
55'	CAT61YL3U55	CAT61GN3U55	CAT61GY3U55	CAT61WT3U55
60'	CAT61YL3U60	CAT61GN3U60	CAT61GY3U60	CAT61WT3U60

\*\* Please contact us to inquire about our CAT6 cables in extended lengths and our CAT6 crossover.



# Ultra-Slim CAT6A 28 AWG Features and Benefits

CircaMax Category 6A patch cables are slimmer than your average Category 6A cables, using less critical space in your cabling infrastructure. Requiring nearly half the physical space at 1/8" (3.5 mm), our patch cords facilitate easier cable management, reducing congestion and allowing for greater flexibility when moving, adding or replacing patch cords. Constructed of 28 AWG, unshielded, twisted pair and stranded copper with high performance RJ45 modular plugs on each end, our Slim CAT6A patch cords are designed specifically for high density environments where space is a premium.



#### Features & Benefits

- 28 AWG stranded tinned copper
- Twisted pair construction
- Slim OD of 3.5mm, occupies nearly half the space of traditional patch cords
- Better airflow & cooling performance in server & switch racks
- Space saving and flexibility
- Improved cable density
- Meets technical and performance specifications of standard Category 6A cabling
- Snagless narrow boot design
- Multiple colors and lengths available

Length (FT)	Blue	Black	Grey
Ľ	CAT6A5BL7UI	CAT6A5BK7UI	CAT6A5GY7UI
2'	CAT6A5BL7U2	CAT6A5BK7U2	CAT6A5GY7U2
3'	CAT6A5BL7U3	CAT6A5BK7U3	CAT6A5GY7U3
4'	CAT6A5BL7U4	CAT6A5BK7U4	CAT6A5GY7U4
5'	CAT6A5BL7U5	CAT6A5BK7U5	CAT6A5GY7U5
6'	CAT6A5BL7U6	CAT6A5BK7U6	CAT6A5GY7U6
7'	CAT6A5BL7U7	CAT6A5BK7U7	CAT6A5GY7U7
8'	CAT6A5BL7U8	CAT6A5BK7U8	CAT6A5GY7U8
10'	CAT6A5BL7U10	CAT6A5BK7U10	CAT6A5GY7UI0
12'	CAT6A5BL7U12	CAT6A5BK7U12	CAT6A5GY7UI2
15'	CAT6A5BL7U15	CAT6A5BK7U15	CAT6A5GY7UI5
20'	CAT6A5BL7U20	CAT6A5BK7U20	CAT6A5GY7U20
25'	CAT6A5BL7U25	CAT6A5BK7U25	CAT6A5GY7U25



# Certified CAT5e Color Coding Chart

Length (FT)	Blue	Grey
P	CAT51BL3UI	CAT5IGY3UI
1.5'	CAT51BL3U1.5	CAT51GY3UI.5
2'	CAT51BL3U2	CAT51GY3U2
3'	CAT51BL3U3	CAT51GY3U3
4'	CAT51BL3U4	CAT51GY3U4
5'	CAT51BL3U5	CAT51GY3U5
6'	CAT51BL3U6	CAT51GY3U6
7'	CAT51BL3U7	CAT51GY3U7
8'	CAT51BL3U8	CAT51GY3U8
9'	CAT51BL3U9	CAT51GY3U9
10'	CAT51BL3U10	CAT51GY3UI0
1P	CAT51BL3U11	CAT51GY3U11
12'	CAT51BL3U12	CAT51GY3UI2
13'	CAT51BL3U13	CAT51GY3UI3
14'	CAT51BL3U14	CAT51GY3UI4
15'	CAT51BL3U15	CAT51GY3UI5
16'	CAT51BL3U16	CAT51GY3UI6
17'	CAT51BL3U17	CAT51GY3U17
18'	CAT51BL3U18	CAT51GY3UI8
19'	CAT51BL3U19	CAT51GY3UI9
20'	CAT51BL3U20	CAT51GY3U20
25'	CAT51BL3U25	CAT51GY3U25
30'	CAT51BL3U30	CAT51GY3U30
35'	CAT51BL3U35	CAT51GY3U35
40'	CAT51BL3U40	CAT51GY3U40
45'	CAT51BL3U45	CAT51GY3U45
50'	CAT51BL3U50	CAT51GY3U50
55'	CAT51BL3U55	CAT51GY3U55
60'	CAT51BL3U60	CAT51GY3U60

\*\* Please contact us to inquire about our CAT5e cables in extended lengths and our CAT5e crossover.



# Industrial Ethernet Cabling

Length (FT)	CAT5e Certified	CAT5e Shielded
P	CAT53BK3UI	CAT53BK5UI
1.5'	CAT53BK3UI.5	CAT53BK5U1.5
2'	CAT53BK3U2	CAT53BK5U2
3'	CAT53BK3U3	CAT53BK5U3
4'	CAT53BK3U4	CAT53BK5U4
5'	CAT53BK3U5	CAT53BK5U5
6'	CAT53BK3U6	CAT53BK5U6
7'	CAT53BK3U7	CAT53BK5U7
8'	CAT53BK3U8	CAT53BK5U8
9'	CAT53BK3U9	CAT53BK5U9
10'	CAT53BKUI0	CAT53BK5UI0
1P	CAT53BKUII	CAT53BK5U11
12'	CAT53BK3U12	CAT53BK5UI2
13'	CAT53BK3UI3	CAT53BK5UI3
14'	CAT53BK3U14	CAT53BK5UI4
15'	CAT53BK3U15	CAT53BK5UI5
16'	CAT53BK3U16	CAT53BK5UI6
17'	CAT53BK3U17	CAT53BK5U17
18'	CAT53BK3U18	CAT53BK5UI8
19'	CAT53BK3U19	CAT53BK5UI9
20'	CAT53BK3U20	CAT53BK5U20
25'	CAT53BK3U25	CAT53BK5U25
30'	CAT53BK3U30	CAT53BK5U30
35'	CAT53BK3U35	CAT53BK5U35
40'	CAT53BK3U40	CAT53BK5U40
45'	CAT53BK3U45	CAT53BK5U45
50'	CAT53BK3U50	CAT53BK5U50
55'	CAT53BK3U55	CAT53BK5U55
60'	CAT53BK3U60	CAT53BK5U60



# Molded CAT6 Color Coding Chart

CircaMax Molded CAT6 cables are our most cost effective Ethernet cables. We recommend the use of Molded CAT6 cable for non-mission-critical applications only.

Length (FT)	Blue	Black	Grey	Yellow
1.5	CAT65B01.5	CAT65K01.5	CAT65E01.5	CAT65Y01.5
3	CAT65B03	CAT65K03	CAT65E03	CAT65Y03
6	CAT65B06	CAT65K06	CAT65E06	CAT65Y06
10	CAT65B10	CAT65K10	CAT65E10	CAT65Y10
15	CAT65B15	CAT65K15	CAT65E15	CAT65Y15





# Fiber Optic Patch Cords



# Fiber Optic Cables Features and Benefits

High bandwidth has always been the primary advantage of Fiber Optics over copper, but its biggest downfall has been its flexibility. Corning's ClearCurve Fiber modified the protective glass cladding surrounding the core, adjusting its refractive and reflective properties. The result is a groundbreaking Fiber Optic cable that nears the flexibility of copper! It can withstand tight bends with virtually no loss of signal, a feat conventional fiber can't boast about.

#### MULTIMODE

#### Standard

- 62.5/125 μm
- Attenuation: 3.75 dB/km @ 850nm & 1.5dB/km @ 1300nm
- Orange jacket

#### Gigabit

- 50/125 μm for 1G applications
- Attenuation: 3.0dB/km @ 850 nm & I. 3dB/km @ I300nm

#### OM3

- 50/125 μm for 10G applications
- Attenuation: 3.0 dB/km @ 850 nm & I.0dB/km @ I300nm
- Aqua Jacket

#### SINGLEMODE

- 8.3/125 μm
- Attenuation: 0.55 dB/km @ 1300 nm & 0.45db/km @ 1550 nm
- Yellow jacket

#### Simplex or Duplex

Available Terminations – SC, ST, LC, FC, MTRJ, SMA905, SMA906, MU, E2000, ESCON, FDDI & D4











**COMPUTER CABLES** 



	MULTIMODE OM3 (50/125) 2mm					
Length (FT)	Description	Old SKU	New SKU			
LC-LC						
3	10G OM3 2MM DPLX LC-LC 1M 50/125	M3-LC-LC-01	MD3C2-LCLC-3			
6	10G OM3 2MM DPLX LC-LC 2M 50/125	M3-LC-LC-02	MD3C2-LCLC-6			
10	10G OM3 2MM DPLX LC-LC 3M 50/125	M3-LC-LC-03	MD3C2-LCLC-10			
13	10G OM3 2MM DPLX LC-LC 4M 50/125	M3-LC-LC-04	MD3C2-LCLC-13			
15	10G OM3 2MM DPLX LC-LC 5M 50/125	M3-LC-LC-05	MD3C2-LCLC-15			
20	10G OM3 2MM DPLX LC-LC 6M 50/125	M3-LC-LC-06	MD3C2-LCLC-20	A CONTRACTOR OF A CONTRACTOR OFTA CONTRACTOR O		
23	10G OM3 2MM DPLX LC-LC 7M 50/125	M3-LC-LC-07	MD3C2-LCLC-23			
30	10G OM3 2MM DPLX LC-LC 10M 50/125	M3-LC-LC-10	MD3C2-LCLC-30	120		
40	10G OM3 2MM DPLX LC-LC 12M 50/125	M3-LC-LC-12	MD3C2-LCLC-40			
50	10G OM3 2MM DPLX LC-LC 15M 50/125	M3-LC-LC-15	MD3C2-LCLC-50			
65	10G OM3 2MM DPLX LC-LC 20M 50/125	M3-LC-LC-20	MD3C2-LCLC-65			
80	10G OM3 2MM DPLX LC-LC 25M 50/125	M3-LC-LC-25	MD3C2-LCLC-80			
100	10G OM3 2MM DPLX LC-LC 30M 50/125	M3-LC-LC-30	MD3C2-LCLC-100			
LC-SC						
3	10G OM3 2MM DPLX LC-SC 1M 50/125	M3-LC-SC-01	MD3C2-LCSC-03			
6	10G OM3 2MM DPLX LC-SC 2M 50/125	M3-LC-SC-02	MD3C2-LCSC-06			
10	10G OM3 2MM DPLX LC-SC 3M 50/125	M3-LC-SC-03	MD3C2-LCSC-10			
13	10G OM3 2MM DPLX LC-SC 4M 50/125	M3-LC-SC-04	MD3C2-LCSC-13			
15	10G OM3 2MM DPLX LC-SC 5M 50/125	M3-LC-SC-05	MD3C2-LCSC-15			
23	10G OM3 2MM DPLX LC-SC 7M 50/125	M3-LC-SC-07	MD3C2-LCSC-23			
30	10G OM3 2MM DPLX LC-SC 10M 50/125	M3-LC-SC-10	MD3C2-LCSC-30			
50	10G OM3 2MM DPLX LC-SC 15M 50/125	M3-LC-SC-15	MD3C2-LCSC-50			
65	10G OM3 2MM DPLX LC-SC 20M 50/125	M3-LC-SC-20	MD3C2-LCSC-65			
80	10G OM3 2MM DPLX LC-SC 25M 50/125	M3-LC-SC-25	MD3C2-LCSC-80			
100	10G OM3 2MM DPLX LC-SC 30M 50/125	M3-LC-SC-30	MD3C2-LCSC-100			



# **FIBER OPTIC**

	SINGLEMODE (9/125) 2mm				
Length (FT)	Description	Old SKU	New SKU		
LC-LC					
3	SINGLEMODE 2MM LC-LC 1M 9/125	S9-LC-LC-01	SD9C2-LCLC-3		
6	SINGLEMODE 2MM LC-LC 2M 9/125	S9-LC-LC-02	SD9C2-LCLC-6		
10	SINGLEMODE 2MM LC-LC 3M 9/125	S9-LC-LC-03	SD9C2-LCLC-10		
13	SINGLEMODE 2MM LC-LC 4M 9/125	S9-LC-LC-04	SD9C2-LCLC-13		
15	SINGLEMODE 2MM LC-LC 5M 9/125	S9-LC-LC-05	SD9C2-LCLC-15		
20	SINGLEMODE 2MM LC-LC 6M 9/125	S9-LC-LC-06	SD9C2-LCLC-20		
23	SINGLEMODE 2MM LC-LC 7M 9/125	S9-LC-LC-07	SD9C2-LCLC-23		
30	SINGLEMODE 2MM LC-LC 10M 9/125	S9-LC-LC-10	SD9C2-LCLC-30	30 20	
40	SINGLEMODE 2MM LC-LC 12M 9/125	S9-LC-LC-12	SD9C2-LCLC-40	26	
50	SINGLEMODE 2MM LC-LC 15M 9/125	S9-LC-LC-15	SD9C2-LCLC-50	1000	
65	SINGLEMODE 2MM LC-LC 20M 9/125	S9-LC-LC-20	SD9C2-LCLC-65		
80	SINGLEMODE 2MM LC-LC 25M 9/125	S9-LC-LC-25	SD9C2-LCLC-80		
100	SINGLEMODE 2MM LC-LC 30M 9/125	S9-LC-LC-30	SD9C2-LCLC-100		
LC-SC					
3	SINGLEMODE 2MM LC-SC 1M 9/125	S9-LC-SC-01	SD9C2-LCSC-3		
6	SINGLEMODE 2MM LC-SC 2M 9/125	S9-LC-SC-02	SD9C2-LCSC-6		
10	SINGLEMODE 2MM LC-SC 3M 9/125	S9-LC-SC-03	SD9C2-LCSC-10		
13	SINGLEMODE 2MM LC-SC 4M 9/125	S9-LC-SC-04	SD9C2-LCSC-13		
15	SINGLEMODE 2MM LC-SC 5M 9/125	S9-LC-SC-05	SD9C2-LCSC-15		
23	SINGLEMODE 2MM LC-SC 7M 9/125	S9-LC-SC-07	SD9C2-LCSC-23		
30	SINGLEMODE 2MM LC-SC 10M 9/125	S9-LC-SC-10	SD9C2-LCSC-30		
40	SINGLEMODE 2MM LC-SC 12M 9/125	S9-LC-SC-12	SD9C2-LCSC-40		
50	SINGLEMODE 2MM LC-SC 15M 9/125	S9-LC-SC-15	SD9C2-LCSC-50		
65	SINGLEMODE 2MM LC-SC 20M 9/125	S9-LC-SC-20	SD9C2-LCSC-65		
80	SINGLEMODE 2MM LC-SC 25M 9/125	S9-LC-SC-25	SD9C2-LCSC-80		
100	SINGLEMODE 2MM LC-SC 30M 9/125	S9-LC-SC-30	SD9C2-LCSC-100		







SINGLEMODE (9/125) 2mm					
Length (FT)	Description	Old SKU	New SKU		
<u>SC-SC</u>					
3	SINGLEMODE 2MM SC-SC 1M 9/125	S9-SC-SC-01	SD9C2-SCSC-3		
6	SINGLEMODE 2MM SC-SC 2M 9/125	S9-SC-SC-02	SD9C2-SCSC-6		
10	SINGLEMODE 2MM SC-SC 3M 9/125	S9-SC-SC-03	SD9C2-SCSC-10		
15	SINGLEMODE 2MM SC-SC 5M 9/125	S9-SC-SC-05	SD9C2-SCSC-15	ALL ALLAND	
23	SINGLEMODE 2MM SC-SC 7M 9/125	S9-SC-SC-07	SD9C2-SCSC-23		
30	SINGLEMODE 2MM SC-SC 10M 9/125	S9-SC-SC-10	SD9C2-SCSC-30		
40	SINGLEMODE 2MM SC-SC 12M 9/125	S9-SC-SC-12	SD9C2-SCSC-40	ALL VC	
50	SINGLEMODE 2MM SC-SC 15M 9/125	S9-SC-SC-15	SD9C2-SCSC-50		
65	SINGLEMODE 2MM SC-SC 20M 9/125	S9-SC-SC-20	SD9C2-SCSC-65	No al	
80	SINGLEMODE 2MM SC-SC 25M 9/125	S9-SC-SC-25	SD9C2-SCSC-80		
100	SINGLEMODE 2MM SC-SC 30M 9/125	S9-SC-SC-30	SD9C2-SCSC-100		



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# FIBER OPTIC

	MULTIMODE OMI (62.5/125) 3mm					
Length (FT)	Description	Old SKU	New SKU			
LC-LC						
3	OMI 3MM LC-LC IM MM DPLX 62.5/125	MD-LCLC-01	MDIC3-LCLC-3			
6	OMI 3MM LC-LC 2M MM DPLX 62.5/125	MD-LCLC-02	MDIC3-LCLC-6			
10	OMI 3MM LC-LC 3M MM DPLX 62.5/125	MD-LCLC-03	MDIC3-LCLC-10			
15	OMI 3MM LC-LC 5M MM DPLX 62.5/125	MD-LCLC-05	MDIC3-LCLC-15			
23	OMI 3MM LC-LC 7M MM DPLX 62.5/125	MD-LCLC-07	MDIC3-LCLC-23			
30	OMI 3MM LC-LC 10M MM DPLX 62.5/125	MD-LCLC-10	MDIC3-LCLC-30			
50	OMI 3MM LC-LC 15M MM DPLX 62.5/125	MD-LCLC-15	MDIC3-LCLC-50			
65	OMI 3MM LC-LC 20M MM DPLX 62.5/125	MD-LCLC-20	MDIC3-LCLC-65			
80	OMI 3MM LC-LC 25M MM DPLX 62.5/125	MD-LCLC-25	MDIC3-LCLC-80			
100	OMI 3MM LC-LC 30M MM DPLX 62.5/125	MD-LCLC-30	MDIC3-LCLC-100			
LC-SC						
3	OMI 3MM LC-SC IM MM DPLX 62.5/125	MD-LCSC-01	MDIC3-LCSC-3			
6	OM1 3MM LC-SC 2M MM DPLX 62.5/125	MD-LCSC-02	MDIC3-LCSC-6			
10	OM1 3MM LC-SC 3M MM DPLX 62.5/125	MD-LCSC-03	MDIC3-LCSC-10			
15	OMI 3MM LC-SC 5M MM DPLX 62.5/125	MD-LCSC-05	MDIC3-LCSC-15	A REAL PROPERTY AND A REAL		
23	OMI 3MM LC-SC 7M MM DPLX 62.5/125	MD-LCSC-07	MDIC3-LCSC-23	No NES		
30	OMI 3MM LC-SC 10M MM DPLX 62.5/125	MD-LCSC-10	MDIC3-LCSC-30	as the second		
50	OMI 3MM LC-SC 15M MM DPLX 62.5/125	MD-LCSC-15	MDIC3-LCSC-50			
65	OMI 3MM LC-SC 20M MM DPLX 62.5/125	MD-LCSC-20	MDIC3-LCSC-65			
100	OMI 3MM LC-SC 30M MM DPLX 62.5/125	MD-LCSC-30	MDIC3-LCSC-100			



CircaMax



	MULTIMODE OMI (62.5/125) 3mm				
Length (FT)	Description	Old SKU	New SKU		
LC-ST					
3	OMI 3MM LC-ST IM MM DPLX 62.5/125	MD-LCST-01	MDIC3-LCST-3		
6	OM1 3MM LC-ST 2M MM DPLX 62.5/125	MD-LCST-02	MDIC3-LCST-6		
10	OM1 3MM LC-ST 3M MM DPLX 62.5/125	MD-LCST-03	MDIC3-LCST-10		
15	OMI 3MM LC-ST 5M MM DPLX 62.5/125	MD-LCST-05	MDIC3-LCST-15		
23	OMI 3MM LC-ST 7M MM DPLX 62.5/125	MD-LCST-07	MDIC3-LCST-23		
30	OMI 3MM LC-ST 10M MM DPLX 62.5/125	MD-LCST-10	MDIC3-LCST-30		
50	OMI 3MM LC-ST 15M MM DPLX 62.5/125	MD-LCST-15	MDIC3-LCST-50		
65	OMI 3MM LC-ST 20M MM DPLX 62.5/125	MD-LCST-20	MDIC3-LCST-65		
100	OMI 3MM LC-ST 30M MM DPLX 62.5/125	MD-LCST-30	MDIC3-LCST-100		
<u>SC-SC</u>					
3	OMI 3MM SC-SC IM MM DPLX 62.5/125	MD-SCSC-01	MDIC3-SCSC-3		
6	OMI 3MM SC-SC 2M MM DPLX 62.5/125	MD-SCSC-02	MDIC3-SCSC-6		
10	OMI 3MM SC-SC 3M MM DPLX 62.5/125	MD-SCSC-03	MDIC3-SCSC-10		
15	OM1 3MM SC-SC 5M MM DPLX 62.5/125	MD-SCSC-05	MDIC3-SCSC-15	1=0- 4:0	
23	OMI 3MM SC-SC 7M MM DPLX 62.5/125	MD-SCSC-07	MDIC3-SCSC-23		
30	OM1 3MM SC-SC 10M MM DPLX 62.5/125	MD-SCSC-10	MDIC3-SCSC-30	The toto	
50	OM1 3MM SC-SC 15M MM DPLX 62.5/125	MD-SCSC-15	MDIC3-SCSC-50	NO	
65	OMI 3MM SC-SC 20M MM DPLX 62.5/125	MD-SCSC-20	MDIC3-SCSC-65		





	MULTIMODE OMI (62.5/125) 3mm			
Length (FT)	Description	Old SKU	New SKU	
<u>SC-ST</u>				
3	OMI 3MM SC-ST IM MM DPLX 62.5/125	MD-SCST-01	MDIC3-SCST-3	
6	OMI 3MM SC-ST 2M MM DPLX 62.5/125	MD-SCST-02	MDIC3-SCST-6	
10	OMI 3MM SC-ST 3M MM DPLX 62.5/125	MD-SCST-03	MDIC3-SCST-10	
15	OMI 3MM SC-ST 5M MM DPLX 62.5/125	MD-SCST-05	MDIC3-SCST-15	1 PERSONAL AND
23	OMI 3MM SC-ST 7M MM DPLX 62.5/125	MD-SCST-07	MDIC3-SCST-23	A Marken Marken
30	OMI 3MM SC-ST 10M MM DPLX 62.5/125	MD-SCST-10	MDIC3-SCST-30	
50	OMI 3MM SC-ST 15M MM DPLX 62.5/125	MD-SCST-15	MDIC3-SCST-50	ava
<u>ST-ST</u>				
3	OMI 3MM ST-ST IM MM DPLX 62.5/125	MD-STST-01	MDIC3-STST-03	
6	OMI 3MM ST-ST 2M MM DPLX 62.5/125	MD-STST-02	MDIC3-STST-06	
10	OMI 3MM ST-ST 3M MM DPLX 62.5/125	MD-STST-03	MDIC3-STST-10	die
30	OMI 3MM ST-ST 10M MM DPLX 62.5/125	MD-STST-10	MDIC3-STST-30	
50	OMI 3MM ST-ST 15M MM DPLX 62.5/125	MD-STST-15	MDIC3-STST-50	
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				all in the
				a.





	MULTIMODE OM3 (50/125) 3mm			
Length (FT)	Description	Old SKU	New SKU	
LC-LC				
3	10G OM3 3MM LC-LC 1M MM DPLX 50/125	MDT-LCLC-01	MD3C3-LCLC-3	
6	10G OM3 3MM LC-LC 2M MM DPLX 50/125	MDT-LCLC-02	MD3C3-LCLC-6	
10	10G OM3 3MM LC-LC 3M MM DPLX 50/125	MDT-LCLC-03	MD3C3-LCLC-10	
15	10G OM3 3MM LC-LC 5M MM DPLX 50/125	MDT-LCLC-05	MD3C3-LCLC-15	
30	10G OM3 3MM LC-LC 10M MM DPLX50/125	MDT-LCLC-10	MD3C3-LCLC-30	125
50	10G OM3 3MM LC-LC 15M MM DPLX50/125	MDT-LCLC-15	MD3C3-LCLC-50	34 14
65	10G OM3 3MM LC-LC 20M MM DPLX50/125	MDT-LCLC-20	MD3C3-LCLC-65	
100	10G OM3 3MM LC-LC 30M MM DPLX50/125	MDT-LCLC-30	MD3C3-LCLC-100	
LC-SC				
3	10G OM3 3MM LC-SC 1M MM DPLX 50/125	MDT-LCSC-01	MD3C3-LCSC-3	
6	10G OM3 3MM LC-SC 2M MM DPLX 50/125	MDT-LCSC-02	MD3C3-LCSC-6	
10	10G OM3 3MM LC-SC 3M MM DPLX 50/125	MDT-LCSC-03	MD3C3-LCSC-10	
15	10G OM3 3MM LC-SC 5M MM DPLX 50/125	MDT-LCSC-05	MD3C3-LCSC-15	
30	10G OM3 3MM LC-SC 10M MM DPLX50/125	MDT-LCSC-10	MD3C3-LCSC-30	
50	10G OM3 3MM LC-SC 15M MM DPLX50/125	MDT-LCSC-15	MD3C3-LCSC-50	
65	10G OM3 3MM LC-SC 20M MM DPLX50/125	MDT-LCSC-20	MD3C3-LCSC-65	
100	10G OM3 3MM LC-SC 30M MM DPLX50/125	MDT-LCSC-30	MD3C3-LCSC-100	





# FIBER OPTIC

	MULTIMODE OM3 (50/125) 3mm			
Length (FT)	Description	Old SKU	New SKU	
LC-ST				
3	10G OM3 3MM LC-ST 1M MM DPLX 50/125	MDT-LCST-01	MD3C3-LCST-3	<i>F</i> <b>N</b>
6	10G OM3 3MM LC-ST 2M MM DPLX 50/125	MDT-LCST-02	MD3C3-LCST-6	
10	10G OM3 3MM LC-ST 3M MM DPLX 50/125	MDT-LCST-03	MD3C3-LCST-10	
15	10G OM3 3MM LC-ST 5M MM DPLX 50/125	MDT-LCST-05	MD3C3-LCST-15	II Same
30	10G OM3 3MM LC-ST 10M MM DPLX50/125	MDT-LCST-10	MD3C3-LCST-30	FRC 5
50	10G OM3 3MM LC-ST 15M MM DPLX50/125	MDT-LCST-15	MD3C3-LCST-50	- 2 0
SC-SC				
3	10G OM3 3MM SC-SC 1M MM DPLX 50/125	MDT-SCSC-01	MD3C3-SCSC-3	
6	10G OM3 3MM SC-SC 2M MM DPLX 50/125	MDT-SCSC-02	MD3C3-SCSC-6	Statistics
10	10G OM3 3MM SC-SC 3M MM DPLX 50/125	MDT-SCSC-03	MD3C3-SCSC-10	till the second
15	10G OM3 3MM SC-SC 5M MM DPLX 50/125	MDT-SCSC-05	MD3C3-SCSC-15	Contraction of the second
30	10G OM3 3MM SC-SC 10M MM DPLX 50/12	MDT-SCSC-10	MD3C3-SCSC-30	
50	10G OM3 3MM SC-SC 15M MM DPLX 50/12	MDT-SCSC-15	MD3C3-SCSC-50	and other
SC-ST				
3	10G OM3 3MM SC-ST 1M MM DPLX 50/125	MDT-SCST-01	MD3C3-SCST-3	
6	10G OM3 3MM SC-ST 2M MM DPLX 50/125	MDT-SCST-02	MD3C3-SCST-6	
10	10G OM3 3MM SC-ST 3M MM DPLX 50/125	MDT-SCST-03	MD3C3-SCST-10	C.C.C.
15	10G OM3 3MM SC-ST 5M MM DPLX 50/125	MDT-SCST-05	MD3C3-SCST-15	
ST-ST				
6	10G OM3 3MM ST-ST 2M MM DPLX 50/125	MDT-STST-02	MD3C3-STST-6	
10	10G OM3 3MM ST-ST 3M MM DPLX 50/125	MDT-STST-03	MD3C3-STST-10	STATES TO
				50



<b>FIBER OPTIC</b>
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SINGLEMODE (9/125) 3mm				
Length (FT)	Description	Old SKU	New SKU	
LC-LC				
3	SINGLEMODE 3MM LC-LC 1M DPLX 9/125	SD-LCLC-01	SD9C3-LCLC-3	
6	SINGLEMODE 3MM LC-LC 2M DPLX 9/125	SD-LCLC-02	SD9C3-LCLC-6	
10	SINGLEMODE 3MM LC-LC 3M DPLX 9/125	SD-LCLC-03	SD9C3-LCLC-10	
15	SINGLEMODE 3MM LC-LC 5M DPLX 9/125	SD-LCLC-05	SD9C3-LCLC-15	
30	SINGLEMODE 3MM LC-LC 10M DPLX 9/125	SD-LCLC-10	SD9C3-LCLC-30	
50	SINGLEMODE 3MM LC-LC 15M DPLX 9/125	SD-LCLC-15	SD9C3-LCLC-50	
LC-SC				
3	SINGLEMODE 3MM LC-SC 1M DPLX 9/125	SD-LCSC-01	SD9C3-LCSC-3	
6	SINGLEMODE 3MM LC-SC 2M DPLX 9/125	SD-LCSC-02	SD9C3-LCSC-6	
10	SINGLEMODE 3MM LC-SC 3M DPLX 9/125	SD-LCSC-03	SD9C3-LCSC-10	
15	SINGLEMODE 3MM LC-SC 5M DPLX 9/125	SD-LCSC-05	SD9C3-LCSC-15	
30	SINGLEMODE 3MM LC-SC 10M DPLX 9/125	SD-LCSC-10	SD9C3-LCSC-30	
50	SINGLEMODE 3MM LC-SC 15M DPLX 9/125	SD-LCSC-15	SD9C3-LCSC-50	
LC-ST				
3	SINGLEMODE 3MM LC-ST 1M DPLX 9/125	SD-LCST-01	SD9C3-LCST-3	
6	SINGLEMODE 3MM LC-ST 2M DPLX 9/125	SD-LCST-02	SD9C3-LCST-6	
10	SINGLEMODE 3MM LC-ST 3M DPLX 9/125	SD-LCST-03	SD9C3-LCST-10	





FIBER OPTIC

	SINGLEMODE (9/125) 3mm			
Length (FT)	Description	Old SKU	New SKU	
SC-SC				
3	SINGLEMODE 3MM SC-SC IM DPLX 9/125	SD-SCSC-01	SD9C3-SCSC-3	
6	SINGLEMODE 3MM SC-SC 2M DPLX 9/125	SD-SCSC-02	SD9C3-SCSC-6	Million Contraction
10	SINGLEMODE 3MM SC-SC 3M DPLX 9/125	SD-SCSC-03	SD9C3-SCSC-10	
15	SINGLEMODE 3MM SC-SC 5M DPLX 9/125	SD-SCSC-05	SD9C3-SCSC-15	A COLORIS CONCERNING
30	SINGLEMODE 3MM SC-SC 10M DPLX 9/125	SD-SCSC-10	SD9C3-SCSC-30	
50	SINGLEMODE 3MM SC-SC 15M DPLX 9/125	SD-SCSC-15	SD9C3-SCSC-50	
				26
SC-ST				
3	SINGLEMODE 3MM SC-ST IM DPLX 9/125	SD-SCST-01	SD9C3-SCST-3	
6	SINGLEMODE 3MM SC-ST 2M DPLX 9/125	SD-SCST-02	SD9C3-SCST-6	
10	SINGLEMODE 3MM SC-ST 3M DPLX 9/125	SD-SCST-03	SD9C3-SCST-10	
ST-ST				
3	SINGLEMODE 3MM ST-ST 1M DPLX 9/125	SD-STST-01	SD9C3-STST-3	
6	SINGLEMODE 3MM ST-ST 2M DPLX 9/125	SD-STST-02	SD9C3-STST-6	
10	SINGLEMODE 3MM ST-ST 3M DPLX 9/125	SD-STST-03	SD9C3-STST-10	
				(B)



CircaMax

# **POWER CABLES**



## CircaMax Power Cords Features and Benefits











Data Cent

Outside Broadcasting

Medical

Military

/

Maritime

Safely connect your electrical devices with CircaMax power cords. We have an assortment of different lengths, gauges and specifications and types including NEMA, IEC and the Locking variety.

As with all CircaMax cables, our power cords are safe, strong and reliable.

### Six Colors to Identify Critical Equipment



\*Contact us for color availability



Visit www.circamax.com for more information

# **COMPUTER CABLES**

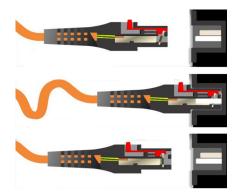


## IEC Locking Power Cords Features and Benefits

#### Suitable for any standard C14 or C20 inlet

- Protects appliances that are vulnerable to vibration
- Connector cannot be accidentally pulled or vibrated out of the inlet
- Stocked in multiple lengths and connector types to organize your rack space
- 18AWG—10amp
- 14AWG—15amp
- 12AWG—20amp





#### How the locking connector works

- I. Push the connector into the standard IEC inlet and it is locked into position
- 2. Connector cannot be pulled or vibrated out of the inlet
- 3. Slide back the red tab to release and remove connector from inlet



# Power Cables Locking Power Cords

Model	Description	SKU Number
C13 Locking C14	<ul> <li>Power Distribution Unit power cords</li> <li>Locking C13 to C14 connectors</li> <li>18AWG, 10A, 250v</li> <li>Can be used as extensions</li> </ul>	ACPI3I4L02 2 FT (0.6m) ACPI3I4L03 3 FT (1m) ACPI3I4L04 4 FT (1.2m) ACPI3I4L06 6 FT (2m) ACPI3I4L10 10 FT (3m)
5-15P C13 Locking	<ul> <li>Connect computer and electronic equipment to a standard North American power outlet or PDU.</li> <li>Locking C13 to 5-15P connectors</li> <li>18AWG, 10A, 125v</li> <li>Stocked in 3, 6, and 10 ft lengths</li> </ul>	ACPOWL03 3 FT (1m) ACPOWL06 6 FT (2m) ACPOWL10 10 FT (3m)
C20 C19 Locking	<ul> <li>Power Distribution Unit power cords</li> <li>Locking C19 to C20 connectors</li> <li>14AWG, 15A, 250v</li> <li>Can be used as extensions</li> <li>Stocked in 2, 3, 4, 6, and 10 ft lengths</li> </ul>	ACP1920L02 2 FT (0.6m) ACP1920L03 3 FT (1m) ACP1920L04 4 FT (1.2m) ACP1920L06 6 FT (2m) ACP1920L10 10 FT (3m)
	Used to unlock the locking power cord end, if needed. Should not be needed in most applica- tions.	<b>ACP-TL</b> One size only



# Power Cables NEMA Power Cords

Model	Description	SKU Number Length
5-15P C13	<ul> <li>Connect computer and electronic equipment to a standard North American power outlet.</li> <li>C13 to 5-15P connectors</li> <li>18AVVG, 10A, 300V</li> <li>For other lengths contact us.</li> </ul>	ACPOW01 1 FT (0.3m) ACPOW02 2 FT (0.6m) ACPOW03 3 FT (1m) ACPOW04 4 FT (1.2m) ACPOW06 6 FT (2m) ACPOW12 12 FT (4m) ACPOW15 15 FT (5m)
	<ul> <li>Power cord for notebook adaptors and 2-pin appliances.</li> <li>IEC C7 non-polarized to 1-15P.</li> <li>Comes in a 6ft length</li> </ul>	<b>ACPOW2P</b> 6 FT (3m)
5-15P C13	<ul> <li>Connect computer and electronic equipment to a standard North American power outlet.</li> <li>C13 to 5-15P connectors</li> <li>14AVVG, 15A, 300V</li> <li>For other lengths contact us.</li> </ul>	ACPOWC01 I FT (0.3m) ACPOWC02 2 FT (0.6m) ACPOWC03 3 FT (1m) ACPOWC04 4 FT (1.2m) ACPOWC06 6 FT (2m) ACPOWC08 8 FT (2.5m) ACPOWC12 12 FT (4m) ACPOWC15 15 FT (5m)
C13 5-15P	Connect computer and electronic equipment to a standard North American power outlet in Red. C13 to 5-15P connectors 18AWG, 10A, 300v For other lengths contact us.	ACPOWR01 1 FT (0.3m) ACPOWR02 2 FT (0.6m) ACPOWR03 3 FT (1m) ACPOWR04 4 FT (1.2m) ACPOWR06 6 FT (2m) ACPOWR10 10 FT (3m)



# Power Cables IEC Power Cords

Model	Description	SKU Number Length
C13 C14	<ul> <li>Power Distribution Unit power cords and extensions</li> <li>C13 to C14 connectors</li> <li>18AWG, 10A, 300v</li> <li>Can be used as extensions</li> <li>For other lengths contact us.</li> </ul>	ACPI3I40I I FT (0.3m) ACPI3I402 2 FT (0.6m) ACPI3I403 3 FT (1m) ACPI3I404 4 FT (1.2m) ACPI3I406 6 FT (2m) ACPI3I412 12 FT (4m)
C13 C14	<ul> <li>Power Distribution Unit power cords and extensions</li> <li>C13 to C14 connectors</li> <li>14AWG, 15A, 300v</li> <li>Can be used as extensions</li> <li>For other lengths contact us.</li> </ul>	ACPI3I4C0I I FT (0.3m) ACPI3I4C02 2 FT (0.6m) ACPI3I4C03 3 FT (1m) ACPI3I4C04 4 FT (1.2m) ACPI3I4C06 6 FT (2m) ACPI3I4C12 12 FT (4m)
C13 C14	<ul> <li>Power Distribution Unit power cords and extensions</li> <li>C13 to C14 connectors</li> <li>14AWG, 15A, 250v</li> <li>Can be used as extensions</li> <li>For other lengths contact us.</li> </ul>	ACPI3I40I I FT (0.3m) ACPI3I402 2 FT (0.6m) ACPI3I403 3 FT (1m) ACPI3I404 4 FT (1.2m) ACPI3I406 6 FT (2m) ACPI3I410 10 FT (3m)



# Power Cables IEC Power Cords

Model	Description	SKU Number Length
C13 C20	<ul> <li>Power Distribution Unit power cords</li> <li>C13 to C20 connectors</li> <li>14AWG, 15A, 250v</li> <li>For other lengths contact us.</li> </ul>	ACP132001 1 FT (0.3m) ACP132002 2 FT (0.6m) ACP132003 3 FT (1m) ACP132004 4 FT (1.2m) ACP132006 6 FT (2m)
C13 C20	<ul> <li>Power Distribution Unit power cords in Red</li> <li>C13 to C20 connectors</li> <li>14AWG, 15A, 250v</li> <li>For other lengths contact us.</li> </ul>	ACPI320R03 3 FT (Im) ACPI320R06 6 FT (2m)
C14 C19	<ul> <li>Power Distribution Unit power cords</li> <li>CI4 to CI9 connectors</li> <li>I4AWG, I5A, 250v</li> <li>For other lengths contact us.</li> </ul>	ACP141901 1 FT (0.3m) ACP141902 2 FT (0.6m) ACP141903 3 FT (1m) ACP141904 4 FT (1.2m) ACP141906 6 FT (2m)
C19 C14	<ul> <li>Power Distribution Unit power cords in Red</li> <li>C14 to C19 connectors</li> <li>I4AWG, I5A, 250v</li> <li>For other lengths contact us.</li> </ul>	ACP1419R01 1 FT (0.3m) ACP1419R02 2 FT (0.6m) ACP1419R03 3 FT (1m) ACP1419R04 4 FT (1.2m) ACP1419R06 6 FT (2m)



# Power Cables IEC Power Cords

Model	Description	SKU Number Length
C19 C20	<ul> <li>Power Distribution Unit power cords or extensions</li> <li>C19 to C20 connectors</li> <li>I2AVVG, 20A, 250v</li> <li>For other lengths contact us.</li> </ul>	ACP192001 1 FT (0.3m) ACP192002 2 FT (0.6m) ACP192003 3 FT (1m) ACP192004 4 FT (1.2m) ACP192006 6 FT (2m)
C19 C19 C19	<ul> <li>Power Distribution Unit power cords or extensions in Red.</li> <li>C19 to C20 connectors</li> <li>I2AWG, 20A, 250v</li> <li>For other lengths contact us.</li> </ul>	ACP1920R03 3 FT (1m) ACP1920R06 6 FT (2m)



# Coaxial Cabling Features and Benefits

We offer a complete range of coaxial cables, varying in insulation and jacket materials meeting the requirements of military specifications and regulatory agencies such as UL and ISO. CircaMax coaxial cables are manufactured to tight tolerances for maximum signal integrity and exceed expectations even in the most demanding of environments.

#### I litra Elow and Low loss and available in Time

Attenuations for regular and low loss cables

UltraFlex and LowLoss are available in Times Microwave LMR series and Signal Inside SI series wire. Many other wire types available.

- Flexible cables with losses comparable to semirigid cables
- For use in wireless applications such as WLL, GPS, WLAN, WISP, WiMax, SCADA, Antenna Feeds
- Black UV Resistant Polyethylene jackets for longer outdoor life
- All cable assemblies have glued heat shrink over the ferrules for weather protection and strain relief

#### Ultra Flexible

- UltraFlex cables are designed for repeated bending cycles, indoors or out
- Centre conductor is stranded for flexibility
- Jacket material is black thermoplastic elastomer
- An excellent choice where flexibility matters

dB per 100f	Frequency (MHz)							
Wire Type	OD"	50	220	900	1800	2500	5800	
RG174	.12	5.8	12.5	34.0				
RG58	.195	3.1	7.4	16.5				
UltraFlex 195	.195	3.0	6.4	13.2	19.0	22.6	35.6	
LowLoss 195	.195	2.5	5.4	11.1	16.0	19.0	29.9	
UltraFlex 240	.24	2.1	4.4	9.1	13.0	15.5	24.4	
LowLoss 240	.24	1.7	3.7	7.6	10.9	12.9	20.4	
UltraFlex 400	.405	1.1	2.2	4.7	6.8	8.1	13.0	
LowLoss 400	.405	0.9	1.9	3.9	5.7	6.8	10.8	
UltraFlex 600	.59	0.7	1.4	3.0	4.4	5.3	8.7	
LowLoss 600	.59	0.5	1.2	2.5	3.7	4.4	7.3	



Visit www.circamax.com for more information

# COMPUTER CABLES



# Coaxial Connectors & Wire Cross Reference Chart

COAX 50 $\Omega$ RF cable parts matrix				Standard Polarity							
				Plugs:	CP-		ALL MAN		O	and the second	0
Wire U/M = inches			Jacks:	and the second second		11 Canada		6	Statistics.	C. S.	
			P cont:	BNC-M	TNC-M	SMA-M	N-TYPE-M	SMB-F	MCX-M	MMCX-M	
Dwg#	Туре	Wire#	OD"	J cont:	BNC-F	TNC-F	SMA-F	N-TYPE-F	SMB-M	MCX-F	MMCX-F
CX120	RG174	XCB909	0.120	Plug	XDS302P	XDS311P	XDS320P	XDS330P	XDS325P	XDS340P	XDS341P
	RG188	XCB908		Jack	XDS302J	XDS311J	XDS320J	XDS330J	XDS325J	XDS340J	XDS341J
	RG316	XCB907		Plug90°	XDS302P90	XDS311P90	XDS320P90	XDS330P90	XDS325P90	XDS340P90	XDS341P90
				Jack90°					XDS325J90		
CX195	RG58	XCB900	0.195	Plug	XDS301P	XDS312P	XDS321P	XDS331P	XDS326P	XDS342P	
	SI195	XCB901S		Jack	XDS301J	XDS312J	XDS321J	XDS331J	XDS326J		
	SI195UF	XCB901SU		Plug90 <sup>o</sup>	XDS301P90	XDS312P90	XDS321P90	XDS331P90	XDS326P90	XDS342P90	
	LMR195	XCB901		Jack90°		XDS312J90	XDS321J90				
	LMR195UF	XCB901U									
CX194	RG400	XDS911	0.194	Plug		XDS313P	XDS322P	XDS332P			
	(Also: RG223/2	142A/55)		Jack		XDS313J		XDS332J			
CX240	SI240	XCB903S	0.240	Plug	XDS303P	XDS314P	XDS323P	XDS333P			
	SI240UF	XCB903SU		Jack	XDS303J	XDS314J	XDS323J	XDS333J			
	LMR240	XCB903		Plug90 <sup>o</sup>	XDS303P90	XDS314P90	XDS323P90	XDS333P90			
	LMR240UF	XCB903U									
CX400	SI400	XCB904S	0.405	Plug	XDS304P	XDS315P	XDS324P	XDS334P			
	SI400UF	XCB004SU		Jack	XDS304J	XDS315J	XDS324J	XDS334J			
	LMR400	XCB904		Plug90 <sup>o</sup>	XDS304P90	XDS315P90	XDS324P90	XDS334P90			
	LMR400UF	XCB904U									
CX600	SI600	XCB905S		Plug		XDS316P		XDS335P			
	LMR600	XCB905	0.590	Jack		XDS316J		XDS335J			
				Plug90 <sup>o</sup>				XDS335P90			



# Coaxial Connectors & Wire Cross Reference Chart

COAX 50 $\Omega$ RF cable parts matrix					Reverse Polarity				
				Plugs:			C.		
Wire U/N	∕l = inches			Jacks:	0	CD	Company of the second s		
				P cont:	BNC-F	TNC-F	SMA-F	N-TYPE-F	
Dwg#	Туре	Wire#	OD"	J cont:	BNC-M	TNC-M	SMA-M	N-TYPE-M	
CX120	RG174	XCB909	0.120	Plug	XDS302PR	XDS311PR	XDS320PR	XDS330PR	
	RG188	XCB908		Jack	XDS302JR	XDS311JR	XDS320JR	XDS330JR	
	RG316	XCB907		Plug90 <sup>o</sup>			XDS320PR90		
				Jack90°			XDS320JR90		
CX195	RG58	XCB900	0.195	Plug	XDS301PR	XDS312PR	XDS321PR	XDS331PR	
	SI195	XCB901S		Jack	XDS301JR	XDS312JR	XDS321JR	XDS331JR	
	SI195UF	XCB901SU		Plug90°		XDS312PR90	XDS321PR90		
	LMR195	XCB901		Jack90°		XDS312JR90			
	LMR195UF	XCB901U							
CX194	RG400	XDS911	0.194	Plug					
	(Also: RG223/2	142A/55)		Jack					
CX240	SI240	XCB903S	0.240	Plug	XDS303PR	XDS314PR	XDS323PR	XDS333PR	
	SI240UF	XCB903SU		Jack	XDS303JR	XDS314JR	XDS323JR		
	LMR240	XCB903		Plug90°		XDS314PR90	XDS323PR90		
	LMR240UF	XCB903U							
CX400	SI400	XCB904S	0.405	Plug	XDS304PR	XDS315PR	XDS324PR	XDS334PR	
	SI400UF	XCB004SU		Jack	XDS304JR	XDS315JR	XDS324JR	XDS334JR	
	LMR400	XCB904		Plug90°		XDS315PR90			
	LMR400UF	XCB904U							
CX600	SI600	XCB905S		Plug		XDS316PR			
	LMR600	XCB905	0.590	Jack		XDS316JR			
				Plug90°					





# Audio/Video Cabling Overview



CircaMax has a variety of audio and video cable solutions. Everything from generic RCA, VGA and HDMI cables to adaptors, switches, converters and everything in between. No matter if your device supports analog or digital signals, CircaMax can provide you with a solution.



Digital AV – These cables are used to deliver the highest quality video signal, sending digital information from your source to a digital display. Typical varieties are HDMI, DVI, and DisplayPort cables.



Analog Video – High performance video cables to connect your devices to a television, monitor, or projector. Typical varieties are VGA, RCA and Component video cables.



Toslink – Optical digital audio provides stereo audio or multichannel surround sound from your digital device into an AV receiver.



#### **HDMI Video Cables**

Video Cable Type	Part Number Length
High Speed HDMI Cable with Ethernet Channel - 1.4	ACHDMI403 3 ft (1m) ACHDMI406 6 ft (2m) ACHDMI410 10 ft (3m) ACHDMI415 15 ft (5m) ACHDMI425 25 ft (8m) ACHDMI430 30 ft (10m) ACHDMI440 40 ft (12m) ACHDMI450 50 ft (15m)
HDMI Micro High Speed Type D	ACHDMI4D06 6 ft (2m) ACHDMI4D10 10 ft (3m) ACHDMI4D15 15 ft (5m)
HDMI Mini Type C	ACHDMIC106 6 ft (2m) ACHDMIC106 10 ft (3m)
HDMI to DVI Cable	ACHDMIDVI02 6 ft (2m) ACHDMIDVII0 10 ft (3m)

Visit www.circamax.com for more information

## **COMPUTER CABLES**

# **DisplayPort Video Cables**

Video Cable Type	Part Number Length
DisplayPort to DisplayPort	ACDPMM03 3 ft (1m) ACDPMM06 6 ft (2m) ACDPMM10 10 ft (3m) ACDPMM15 15 ft (5m)
DisplayPort to HDMI Cable with Audio	ACDPHMM03 3 ft (1m) ACDPHMM06 6 ft (2m) ACDPHMM10 10 ft (3m) ACDPHMM15 15 ft (5m)
Mini DisplayPort to HDMI with Audio	ACMDPHMM03 3 ft (1m) ACMDPHMM06 6 ft (2m) ACMDPHMM10 10 ft (3m) ACMDPHMM15 15 ft (5m)





#### **DVI Video Cables**

Video Cable Type	Part Number Length
DVI Dual Link Cable - Male to Male	ACDVIMM03 3 ft (1m) ACDVIMM06 6 ft (2m) ACDVIMM10 10 ft (3m) ACDVIMM15 15 ft (5m) ACDVIMM25 25 ft (8m) ACDVIMM50 50 ft (15m)
DVI Dual Link Extension	<b>ACDVIMF06</b> 6 ft (2m)





# **Analog Video Cables**

Video Cable Type	Part Number Length
Low Profile, Slim VGA Cable Male-to-Male	ACMVGA06 6 ft (2m) ACMVGA15 15 ft (5m) ACMVGA25 25 ft (8m) ACMVGA50 50 ft (15m) Flat VGA Cable ACFVGA06 6 ft (2m) ACFVGA15 15 ft (5m) ACFVGA25 25 ft (8m)
Low Profile, Slim VGA Cable Extender Male-to-Female	ACMVGAX06 6 ft (2m) ACMVGAX15 15 ft (5m) ACMVGAX25 25 ft (8m) ACMVGAX50 50 ft (15m)
HDMI Mini Type C	ACRCA3106 6 ft (2m) ACRCA3125 25 ft (8m)
HDMI to DVI Cable	ACRCA5106 6 ft (2m) ACRCA5125 25 ft (8m)

Visit www.circamax.com for more information

#### **COMPUTER CABLES**

#### **Video Converters**

Model/SKU Number	Description
ACHDMI-VGA	Convert digital HDMI to analogue VGA with L/ R audio. • HDMI input up to 165MHz bandwidth • VGA output up to 1080p • Supports HDCP 1.2 • Power adaptor included
ACVGA-HDMI	<ul> <li>Convert analogue VGA plus Audio input to HDMI output</li> <li>Plug and Play</li> <li>Maximum resolution 1920 x 1200, 1080p</li> <li>3.5mm stereo plug L/R audio input</li> <li>Convert Component Video to HDMI with Component to VGA cable, in- cluded</li> <li>Power adaptor included</li> </ul>
ACVGARCA06	Connects VGA HD15 Male to 3-RCA compo- nent video input, 6 FT. Used to connect a DVD player or HDTV Re- ceiver to the component video input of a plasma, LCD or HDTV display
ACVGARGB06	Connect a VGA port on PC to a monitor with 5 BNC inputs. • HD15 Male to BNC's - 6FT

#### **Video Extenders**

Model/SKU Number	Description
ACVGAEXT	<ul> <li>Extend a VGA signal up to 180 m (590') over one CAT5e cable with local monitor.</li> <li>Maximum resolution 1600 x 1200</li> <li>Maximum distance 180m</li> <li>12VDC power adaptors for each end</li> <li>Includes one 4FT VGA male-male cable</li> <li>Adjustable Equilization and Gain</li> </ul>
VHE-1300	<ul> <li>Extend HDMI audio/video over CAT5e or CAT6 cabling up to 50 meters.</li> <li>Up to 1080p resolution.</li> <li>Transmitter has HDMI input, Cat6 output, and HDMI output for local display.</li> <li>Receiver has Cat6 input and HDMI output.</li> <li>Cat6 recommended for full HD at full distance.</li> <li>Power adaptors included for each end.</li> </ul>



# **Active Video Splitters**

Model/SKU Number	Description
ACMSV-225	Distributes one VGA input signal to two out- puts without losing video quality. I Video input to 2 video outputs 250MHz bandwidth Resolution up to 1920 x 1440 Cable distance up to 50m Self-powered Daisy chainable
ACMSV-425	<ul> <li>Distributes one VGA video signal to four outputs without losing video quality.</li> <li>I Video input to 4 video outputs</li> <li>250MHz bandwidth</li> <li>Resolution up to 1920 x 1440</li> <li>Cable distance up to 50m</li> <li>Self-powered</li> <li>Daisy chainable</li> </ul>
SWABHI5	<ul> <li>2 to 1, 15-pin manual VGA switch with female connectors.</li> <li>Connects: <ul> <li>I CPU to multiple VGA/SVGA monitors</li> <li>Multiple CPUs to 1 VGA/SVGA monitor</li> </ul> </li> </ul>



# **Active Video Splitters**

Model/SKU Number	Description
VHD-4020	<ul> <li>Distributes one HDMI input signal to two identical outputs simultaneously.</li> <li>Ability to buffer and amplifying signal</li> <li>Up to 1080p resolution and 1920 x 1200</li> <li>Up to 225MHz</li> </ul>
VHD-4040	<ul> <li>Distributes one HDMI input signal to four identical outputs simultaneously.</li> <li>Ability of buffer and amplify signal</li> <li>Up to 1080p resolution and 1920 x 1200</li> <li>Up to 225MHz</li> </ul>
VHS-4010	<ul> <li>Switch one HDMI Display between 4 HDMI inputs</li> <li>Switch easily between any four HDMI sources</li> <li>Extends the range of HDMI compliant device by equalizing and re-clocking the HDMI signal</li> <li>Up to 1080p resolution</li> <li>Includes remote control</li> </ul>



# **Toslink Optical Audio Cable**

Model/SKU Number	Description
C-TOSLINK-6P	Toslink male to male, 6FT & 12FT
	<ul> <li>Digital Optical Cables deliver superior digital sound through state-of-the-art technology. Reduced distortion in signal transfer means clearer sound.</li> <li>Used to connect electronics such as DVD players, CD players and MP3 play- ers.</li> </ul>
C-TOS-MIN6P	
	<ul> <li>Toslink male to mini Toslink male, 6FT</li> <li>Digital Optical Cables deliver superior digital sound through state-of-the-art technology. Reduced distortion in signal transfer means clearer sound.</li> <li>Used to connect electronics such as DVD players, CD players and MP3 players.</li> </ul>



Model/SKU Number	Description
ACMDPDVI	<ul> <li>Connects Mini DisplayPort to a DVI monitor. Requires a DVI cable.</li> <li>Converts from Mini DisplayPort signal to DVI signal</li> <li>Active adaptor</li> <li>Supports 1080P</li> </ul>
ACMDPHDMI	<ul> <li>Connects Mini DisplayPort to an HDMI monitor. Requires an HDMI cable.</li> <li>Converts from Mini DisplayPort signal to HDMI signal</li> <li>Easily enables you to connect several computers with a display port</li> </ul>
ACMDPVGA	<ul> <li>Connects Mini DisplayPort to a VGA monitor. Requires a VGA cable.</li> <li>Converts from Mini DisplayPort signal to VGA signal</li> <li>Easily enables you to connect several computers with a DisplayPort</li> </ul>



Model/SKU Number	Description
ACMDPDVI	<ul> <li>Connects DisplayPort to a VGA monitor. Requires a VGA cable.</li> <li>Converts from DisplayPort signal to VGA signal</li> <li>Easily connects several computers</li> </ul>
ACMDPHDMI	<ul> <li>Connects Mini DisplayPort to an HDMI monitor. Requires and HDMI cable.</li> <li>Converts from Mini DisplayPort signal to HDMI signal</li> <li>Easily enables you to connect several computers with a display port</li> </ul>
ACMDPVGA	<ul> <li>Connects DisplayPort to a DVI monitor. Requires a DVI cable.</li> <li>Active Adaptor</li> <li>Converts Displayport signal to DVI signal</li> <li>Delivers high-definition digital video</li> <li>Supports 1080P</li> <li>Single-link resolution up to 2048x1536 and 24bpp</li> </ul>



Model/SKU Number	Description
MA430	Connect between analog devices with DVI connectors and VGA monitors or graphics cards. • DVI analog female to VGA (HD15) male
MA43I	Connect between analog devices with DVI connectors and VGA monitors or graphics cards. • DVI analog male to VGA (HD15) female
MA435	Gender changer that converts an HDMI con- nector from Male to Female. • Consists of two female sides



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# COMPUTER CABLES

Model/SKU Number	Description
MA436	Connects HDMI to DVI-D Digital devices • HDMI Male to DVI-D Female
MA437	
	Connects HDMI to DVI-D Digital devices. • HDMI Female to DVI-D Female



#### USB Overview

With CircaMax's various types and lengths of USB cables, you are sure to find the right cable to support your desktop, laptop and/or mobile device. We carry variations of USB 2.0 and 3.1, all with varying connector types (A, B, Mini, Micro, and even Type C). We also have a selection of adaptors, hubs and extenders.

**USB Extenders** - USB extenders can be used to repeat the signal flowing down the wire, without any degradation in signal.

**USB 3.0**—USB 3.0 cable provides for simultaneous operation of Super Speed and High Speed (USB 2.0 speeds) information exchanges. Suitable for printer, scanner, modem, mouse, keyboard, digital cameras, and more

• Offers a throughput of up to 4.8Gbps when used with a USB 3.0 host and devices, 10 times the capability of USB 2.0.

• Backward compatibility with USB 1.1 and 2.0, and Sync-N-Go technology to minimize user's waittime

- Provides optimized power efficiency
- Fully Shielded to reduce interference
- Jacket Material: PVC, RoHS Compliance
- Gold plated copper contacts minimize data loss
- Foiled and braided shield complies with fully rated cable specifications
- Impedance matches twisted pair construction helps to minimize cross talk, super high- speed, and error-free transmission
- Operational Temperature: -20°C to +60°C



#### USB Overview

**USB 2.0**—USB 2.0 cable suitable for printers, scanners, modems, mouse and keyboards.

- High-speed USB 2.0 cable (compliant with USB 1.1 and USB 1.0),
  - USB 2.0 has a raw data rate at 480Mbps, and it is rated 40 times faster than its predecessor interface.
  - One 28AWG twisted pair (data) plus two power conductors
  - Overall shield: overall aluminized polyester shield with drain wire plus braid shield
  - Jacket Material: PVC,RoHS Compliance
  - Jacket Color: Black

Adaptors, extenders and hubs—can be used as a utility to extend, change your connector type or even expand the quantity of USB inputs on your device.



#### USB 3.0

USB 3.0 cable provides for simultaneous operation of Super Speed and High Speed (USB 2.0 speeds) information exchanges. Suitable for smart phones, printer, scanner, modem, mouse, keyboard, digital cameras, external hard drives and more

#### **Description & Features**

- Offers a throughput of up to 4.8Gbps when used with a USB 3.0 host and devices, 10 times the capability of USB 2.0.
- Backward compatibility with USB 1.1 and 2.0, and Sync-N-Go technology to minimize user's waittime
- Provides optimized power efficiency
- Fully Shielded to reduce interference
- Jacket Material: PVC, RoHS Compliance
- Gold plated copper contacts minimize data loss
- Foiled and braided shield complies with fully rated cable specifications
- Impedance matches twisted pair construction helps to minimize cross talk, super high- speed, and error-free transmission
- Operation Temperature: -20°C to +60°C

USB Cable Type	Part Number Length
USB 3.1 A-B	CU3ABMM06 6 ft (2m) CU3ABMM10 10 ft (3m) CU3ABMM15 15 ft (5m) Contact us for additional lengths
USB 3.1 Type-C to Micro B	<b>CU3CMBMM01</b> 3 ft (1m) Contact us for additional lengths

Visit www.circamax.com for more information

#### COMPUTER CABLES



#### **USB 3.0**

USB Cable Type	Part Number Length
USB 3.1 Type C to A-Female Adaptor	<b>CU3CAMF-AD</b> 4 inch adaptor
USB 3.1 Type-C to B Cable	<b>CU3CBMM01</b> 3 ft (1m) Contact us for additional lengths
USB 3.1 Type C to A Cable	<b>CU3CAMM03</b> 3 ft (1m) Contact us for additional lengths
USB 3.1 A to Micro B	CU3AMBMM03 3 ft (1m) CU3AMBMM06 6 ft (2m) CU3AMBMM10 10 ft (3m) Contact us for additional lengths



Visit www.circamax.com for more information

**COMPUTER CABLES** 

#### **USB Hubs & Extenders**

USB Cable Type	Part Number / Description
USB I.I over CAT5 Extender	
	<b>Part# CUII20</b> This unique USB Extender lets you locate your USB device or hub up to 150 feet from your computer, overcoming the typical 15-feet USB cable limitation. Patented ASIC technology conditions the USB signals to communicate up to 150 feet using low-cost CAT 5/5E/6 cable. Now you can enhance the capability and usefulness of your USB devices!
USB 4-Port Hub over CAT 5	Part# CU1140
	Extends four USB devices up to 150 feet over Cat 5, Cat 5e or Cat 6 cabling. -Use standard Cat 5/ Cat 5e/ Cat 6 network cable (not included). -Plug and play -No additional drivers required -USB 1.1 compliant
USB 2.0 Active Extension	
	<ul> <li>Part# CUAE05M</li> <li>-USB Signal Repeater. Comes in 16', 33', and 49' lengths</li> <li>-Acts as a transparent USB hub and buffers all downstream and upstream data traffic</li> <li>-Low-speed (IMbps), full-speed (12Mbps) and high-speed (480Mbps)</li> <li>-Can be daisy chained up to 5 times for a total extended distance of 25 meters</li> <li>-When remote device is powered by USB host only daisy chain up to 2 times</li> </ul>
USB 3.0 Active Extension	
	Part# CUAE305M -Come in 16' length. -USB 3.0 signal repeater -Buffers and re-transmits downstream and upstream data traffic. -Low speed (1.5Mbps), Full speed (12Mbps), High speed (480Mbps), and Super speed (5Gbps)





#### **USB 2.0**

•USB 2.0 cable suitable for printers, scanners, modems, mouse and keyboards.

#### **Description & Features**

- Hi-speed USB 2.0 cable (compliant with USB 1.1 and USB 1.0),
- USB 2.0 has a raw data rate at 480Mbps, and it is rated 40 times faster than its predecessor interface.
- One 28AWG twisted pair (data) plus two power conductors
- Overall shield: overall aluminized polyester shield with drain wire plus braid shield
- Jacket Material: PVC, RoHS Compliance
- Jacket Color: Black

USB Cable Type	Part Number Length
USB 2.0 A to B Cable Black	
	CUABMM03 3 ft (1m) CU3ABMM06 6 ft (2m) CU3ABMM10 10 ft (3m) CU3ABMM15 15 ft (5m) Contact us for additional lengths
USB 2.0 A to Micro B Cable	
	<b>CUAMB06B</b> 6 ft (2m) Contact us for additional lengths





## USB 2.0

USB Cable Type	Part Number Length
USB 2.0 A to Mini 4-Pos	<b>CUMINIA402 6 ft (2m)</b> Contact us for additional lengths
USB 2.0 A to Mini 5-Pos	<b>CUMINIAB02</b> 6 ft (2m) Contact us for additional lengths
USB 2.0 A to PS/2 Adaptor	<b>USB-PS2</b> I ft adaptor
USB 2.0 A to B Right Angle Cable	<b>CURABMM03</b> 3 ft (1m)



#### **USB 2.0**

USB Cable Type	Part Number Length
USB 2.0 A to B (Beige)	<b>CUABMM03E</b> 3 ft (1m) <b>CUABMM10E</b> 10 ft (3m)
USB Passive Extension	<b>CUAAMF06</b> 6 ft (2m) For longer lengths, please see active exten- sion on page 108



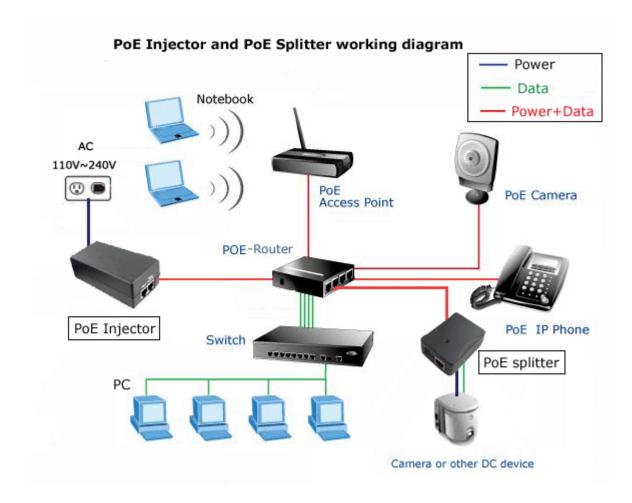


#### Networking POE Injectors and Network Extenders

Power over Ethernet, also known as PoE, describes a system that lets Ethernet cables supply the power for network devices while simultaneously transmitting data in the normal way. This is achieved in two ways:

- Alternative A: Power is transmitted on the data conductors by applying a common mode voltage to each pair.
- 2) Alternative B: The twisted pairs in an Ethernet cable are divided into 2 groups. Two of the four twisted pairs are assigned to transmit data, and the other 2 are assigned to transmit power. This alternative is typically easier to troubleshoot should problems arise since the assigned wires can be isolated.

PoE products can be mixed in a network with non-PoE, but non-PoE products cannot send or receive power.



## Networking POE Injectors

Model/SKU Number	Description
E324	The Enable-IT 324, 21W - 24VDC Power over Ethernet (PoE) Reducer, is able to take your hot PoE and PoE Plus power/data at extreme distance and safely deliver 24VDC PoE input for your expensive PoE Equipment. The Enable-IT 324 has a plug and go PoE Reducer so that you can safely leverage Ethernet Extender kits that support PoE and PoE+ like the Enable-IT 865 Kit.
Shielded socket for PoE Input	This unit is ideal for installing any WiFi Wireless Access Point, Security camera or other PoE powered equipment. It eliminates the need for external power supply and its associated AC/DC power cabling, providing a compact, affordable, safe and reliable power solution over your wiring or existing Ethernet infrastruc- ture.
E350	The Enable-IT 350 20W - 48VDC Power over Ethernet Injector is single port IEEE 802.3af compliant Midspan solution that is a compact and easy to install with RJ-45 Ethernet cabling. It is ideal for installing any WiFi Wireless Access Point, Security camera or other PoE powered equipment. It eliminates the need for external power supply and its associated AC/DC power cabling, providing a compact, affordable, safe and reliable power solution over your wiring or exist- ing Ethernet infrastructure. 4-year warranty. Advance Replacement Program available.
E360	The Enable-IT 360, 60W - 56VDC Gigabit Power over Ethernet+ Injector, is single port IEEE 802.3AT certified Midspan solution that is a compact and easy to install with RJ-45 Ethernet cabling. This unit is ideal for installing any PoE en- abled WiFi Wireless Access Point, Security camera or other PoE powered equipment. It eliminates the need for external power supply and its associated AC/DC power cabling, providing a compact, affordable, safe and reliable power solution over your wiring or existing Ethernet infrastructure. 4-year warranty. Advance Replacement Program available.



## Networking POE Injectors

Model/SKU Number	Description
E375	The Enable-IT 375, 75W - 56VDC Power over Ethernet Plus Injector, is a single port IEEE 802.3at compliant Midspan solution that is a compact and easy to in- stall with RJ-45 Ethernet cabling. This unit is ideal for installing any WiFi Wire- less Access Point, Security camera or other PoE powered equipment. It elimi- nates the need for external power supply and its associated AC/DC power ca- bling, providing a compact, affordable, safe and reliable power solution over your wiring or existing Ethernet infrastructure. 4-year warranty. Advance Replace- ment Program available.
E865PRO	The Enable-IT 865 Ethernet Extender Kit is the world's only available solution to deliver Voice, Data and PoE in a combined package that exceeds the IEEE distance limitations for Ethernet equipment and 802.3at PoE Plus. The 865 enables the simple installation of a PoE device up to 762m (2,500ft) from your LAN and Power Source. This is ideal for installing PoE IP Security cameras or PoE WiFi Access Points or for a standalone remote self powered LAN up to 1,067m (3,500ft). Please see our website to learn more about this product's features.
PPOE-400	The PLANET POE-400 is a 4-Port IEEE 802.3af Power over Ethernet injector which complies with IEEE 802.3, IEEE 802.3u and IEEE 802.3af standards. Equipped with 4 10/100Base-TX Fast Ethernet ports, the POE-400 supports full 48VDC power for any remote IEEE 802.3af powered device (PD) like Wireless LAN Access Point, IP phone, and LAN Camera. Supporting power supply of 70 watts, the POE-400 provides sufficient power to the 4 remote devices.



Model/SKU Number	Description
E828	<ul> <li>Enable-It 828 can extend a Gigabit Ethernet link and POE+ up to 240m (800ft). Extends up to 601m (2000ft) by daisy-chaining 4 units together.</li> <li>Extends standard 1000Base-T Ethernet up to 6x the IEEE limit of 100m</li> <li>Three port design allows for deployment of (2) separate PoE powered IP devices up to 240m (8ft)</li> <li>Powered by POE and Extends POE 1000Mbps full duplex service</li> <li>Supports IEEE 802.3af and IEEE 802.3at</li> <li>Connect to your POE+ switch or use with the Enable-IT 360 POE+ lnjector</li> <li>Daisy-chain 4 units for a total of 610m (2000ft) when using the 360 POE+ lnjector</li> </ul>
E828P	The E828P can power multiple 828 extenders up to 2,000ft (600m) away. Select- able DIP switches allow for disabling PoE output on either output port to enable standard non PoE LAN devices such as a laptop to configure an IP camera.
E860PRO	<ul> <li>The Enable-IT 860Pro Ethernet Extender simultaneously drives 100Mbps Ethernet data and a voice line up to 20 times further than Ethernet's limit of just 328 feet. Using existing I-pair telephone wiring (or better), the 860Pro can ex- tend your Ethernet all the way up to 1.8 km (6,000ft), effectively saving you thousands in labor and new wiring.</li> <li>Extend Ethernet with voice over I pair minimum existing telephone Category rated wiring</li> <li>Rapid LAN style installation with RJ45 jacks - no programming required</li> <li>Provides 4 Ethernet RJ45 ports so additional switch is required.</li> <li>Supports VoD (Video on Demand) and MPEG IP channels</li> <li>Supports VoIP (Voice over IP)</li> <li>Transparent to protocols, applications and MAC addresses</li> <li>Sustained full-duplex service delivery end to end</li> </ul>



Model/SKU Number	Description
EBGOCPRO	<ul> <li>The Enable-IT 860C Ethernet Extender is the only solution to simultaneously drive 100Mbps Ethernet data up to TWENTY times further than Ethernet's limit of just 100 meters. Using existing 75 ohm BNC coaxial wiring, the 860C can extend your Ethernet all the way up to 1.13 Miles (6,000ft), effectively saving you thousands in labor and new wiring.</li> <li>Extend Ethernet with single voice over 75 ohms COAX wire</li> <li>Rapid installation with BNC connections - no programming required</li> <li>Maintains dual lifeline phone service (analog or digital telephone lines)</li> <li>Supports VoD (Video on Demand) and MPEG IP channels</li> <li>Supports VoIP (Voice over IP)</li> <li>Transparent to protocols, applications and MAC addresses</li> <li>Sustained full-duplex service delivery end to end</li> <li>Native PoE (802.3af / at) support for any standalone PoE injector to 1,500ft and up to 2,500ft when used with the Enable-IT 360 PoE Plus Injector</li> </ul>
E828WP	
ENABLE-IT Elbernet Extension Expens	Professional Weatherproof Gigabit PoE Extender. The Enable-IT <sup>™</sup> 828WP 3-port IP67 Rated Weatherproof Gigabit PoE Extender Kit is a complete solution that drives incremental Gigabit Ethernet up to 240m or 800ft and can be deployed with up to 3 828W units in a series to reach 2,000ft (600m) at blazing fast Gigabit full wire speed. Both 2-pair and 4-pair PoE output is standard to support your high powered PoE Devices.
E828W	
Entered Extension Extension	The Enable-IT <sup>™</sup> 828W 3-port IP67 Rated Weatherproof Gigabit PoE Extender is a standalone unit that drives incremental Gigabit Ethernet up to 240m or 800ft and can be deployed in series up to 4 units to reach 2,000ft (600m) at blazing fast full wire speed. This standalone unit is to be powered and used with your Gigabit PoE injector or midspan source, or can be connected to a 828WP kit in a series. At time of ordering the 828W can be configured to disable PoE output on either or both output ports to enable non PoE LAN devices. Default configuration is PoE out- put enabled on both ports.

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# COMPUTER CABLES

Model/SKU Number	Description
E868PRO	<ul> <li>When you're really stuck- Extended Ethernet and PoE power using only I-pair of wire (twisted pair or Coax) up to 1,500 ft (457m) away. Terrific for driving long distance IP surveillance cameras, WiFi access points (AP), VoIP phones and other devices.</li> <li>The Enable-IT 868 Single-Line Ethernet Extender Kit is the world's only available solution to deliver Voice, Data and PoE in a combined package that exceeds the IEEE distance limitations for all Ethernet equipment and 802.3at PoE Plus. The 868 enables the simple installation of a PoE device up to 1600ft (488m) From your LAN and Power Source. This is ideal for installing PoE IP Security cameras or PoE WiFi Access Points or for a standalone remote self powered LAN.</li> </ul>
E828A	The Enable-IT <sup>™</sup> 828A 3-port Gigabit Ethernet Extender is a standalone switch that drives incremental Gigabit Ethernet up to 240m or 800ft. Comes with a country specific wall switching power adaptor or the 828A can be used with your PoE Injector or PoE Midspan and drive multiple 828 Gigabit Ethernet Ex- tenders up to 2,000ft (600m) away. The Enable-IT <sup>™</sup> 828A is ideal for installing in between remote LAN segments to create a 800ft/240m Gigabit backbone - Nothing is more cost effective or simple to install. If you need an outside installation, anOutdoor IP67 rated 828W is available here.
E861	This is the remote CPE unit to use with the Mini Extended Ethernet DSLAM (E864). One is required for each of the four legs (up to 6000 ft).



Model/SKU Number	Description
E864	This 4-port mini DSLAM extended ethernet up to 6000 ft on over I-pair copper up to 6000 ft.
Al 1 82 Ethernet Extender DSLAM	<ul> <li>I00Mbps Throughput Extended Ethernet network over 1 pair minimum existing Telephone wiring/Category rated wiring.</li> <li>Rapid LAN style installation RJ45 - no programming required - unmanaged DSLAM.</li> <li>Supports (4) remote 860 CPE units up to 6,000ft away.</li> <li>Dual 10/100 Ethernet LAN uplink ports for redundancy.</li> <li>Supports VoD (Video on Demand) and MPEG IP channels.</li> <li>Supports VoIP (Voice over IP).</li> <li>Network Equipment independence - Transparent to protocols, applications and MAC addresses.</li> <li>Sustained full-duplex service delivery end to end.</li> </ul>
E820PPRO	<ul> <li>Extend Ethernet with simultaneous voice over 4 pair existing Telephone wiring or Category rated wiring up to 800 ft.</li> <li>Maintains lifeline phone service (analog or digital telephone lines).</li> <li>Supports VoD (Video on Demand).</li> <li>Supports VoIP (Voice over IP).</li> <li>Network Equipment independent.</li> <li>Sustained 15 Mbps full-duplex service.</li> <li>POE Injector included (48v, 20w).</li> <li>Extend up to 1600 ft by adding a second 820P.</li> </ul>
E861	<ul> <li>Extend Ethernet with simultaneous voice over 2 pair existing Telephone wiring or Category rated wiring up to 1,000 ft.</li> <li>Maintains dual line phone service (analog or digital telephone lines).</li> <li>Supports VoD (Video on Demand).</li> <li>Supports VoIP (Voice over IP).</li> <li>Network Equipment independent.</li> <li>Sustained 15 Mbps full-duplex service delivery end to end up to 1,000 ft.</li> <li>Native PoE support for any standalone PoE injector.</li> </ul>



#### Networking Raw Bulk Cable and Connectors

Model/SKU Number	Description
XCBII0B	<ul> <li>CAT5E Solid Bulk wire for horizontal wiring.</li> <li>4 pair, 24AWG solid conductor</li> <li>Blue jacket</li> <li>Zip cord</li> <li>Sold by the Box only (1000 FT per box)</li> </ul>
XCB109/W	<ul> <li>CAT5E Stranded wire for use in patch cables or where flexibility counts.</li> <li>4 pair, 24AWG stranded conductors</li> <li>Light Grey jacket</li> <li>Sold by the Box only (1000 FT per box)</li> </ul>
XCBI13B	<ul> <li>CAT6 Solid wire for horizontal wiring.</li> <li>4 pair, 24 AWG solid conductor</li> <li>Blue jacket</li> <li>Zipcord</li> <li>Sold by the box only (1000 FT per box)</li> </ul>
PA163A	RJ45 connectors for 4-pair CAT 5 wire. Used for standed, flat, UTP wire. <ul> <li>I0 per package</li> </ul>
MOD0610	<ul> <li>Flat telephone patch cable with modular RJI2 connectors. Rolled (crossed) pinout for connecting 4 or 6 conductor telephone equipment.</li> <li>I0, 25 and 50 foot lengths. Other lengths made to order - contact us</li> </ul>

# Networking Patch Panel - Pass Through

Model/SKU Number	Description
PPT-C616	<ul> <li>I6-port pre-loaded patch panel with pass-through Cat 6 RJ45 jacks.</li> <li>I9" rack mount, IU.</li> </ul>
PPT-C624	<ul> <li>24-port pre-loaded patch panel with pass-through Cat 6 RJ45 jacks.</li> <li>19" rack mount, 1U.</li> </ul>
PPT-C648	<ul> <li>48-port pre-loaded patch panel with pass-through Cat 6 RJ45 jacks.</li> <li>I9" rack mount, 2U.</li> </ul>



## Networking Patch Panel - Punchdown

Model/SKU Number	Description
PPIIO-C6S24	<ul> <li>24-port Shielded pre-loaded patch panel with Cat 6 RJ45 110 punchdown jacks.</li> <li>19" rack mount, 1U.</li> </ul>
PP110-C648	<ul> <li>48-port pre-loaded patch panel with Cat 6 RJ45 110 punchdown jacks.</li> <li>19" rack mount, 2U.</li> </ul>
PPT-C648	<ul> <li>24-port pre-loaded patch panel with Cat 6 RJ45 110 punchdown jacks.</li> <li>19" rack mount, 1U.</li> </ul>
PP110-C696	96-port pre-loaded patch panel with Cat 6 RJ45 110 punchdown jacks. • 19" rack mount, 4U.



#### Networking Patch Panel - Punchdown Tools

Model/SKU Number	Description
PT-110-H	
	Holder for punchdown 110 punchdown jacks. Hold it securely in your hand while punching
PT-110-1	Punchdown impact tool for 110 and 66 jacks and blocks.
PT-110-E	Economy punchdown tool for 110 and 66 jacks and blocks.



#### Serial SATA Cables

Model/SKU Number	Description
SATAMM18	Connect Serial ATA drive to host controller. • Male to Male - 18 inch
SATAMMR18	<ul> <li>Connect Serial ATA drive to host controller.</li> <li>90 degree connector on one end - 18 inch</li> </ul>
SATAPWR6	Connect Serial ATA drive power to standard power supply cable. • ATX power supply male to SATA - 6 inch





## Serial Adaptors

Model/SKU Number	Description
MA402	Converts 25-pin serial to null-modem cable. DB25 male to DB25 female
MA403	Converts a 9-pin serial to null-modem cable. DB9 male to DB9 female
MA409	Converts a 25-pin serial port to a 9-pin serial port. DB9 male to DB25 female
MA410	Converts a 9-pin serial port to a 25-pin serial port. DB9 female to DB25 male



## Serial Adaptors

Model/SKU Number	Description
MA500	Mini Gender Changer that converts 25 pin Female to Male. Consists of two male sides
MA50I	Mini gender changer that converts a DB25 Male to Female. Consists of two female sides
MA506	Mini gender changer that converts a 9-pin serial cable from Female to Male. Consists of two male sides
MA507	Mini gender changer that converts a 9-pin serial cable from Male to Female. Consists of two female sides





## Serial Adaptors

Model/SKU Number	Description
MA508	Mini gender changer that converts a 15-pin VGA Female to Male. Consists of 2 male sides
MA509	Mini gender changer that converts a 15-pin VGA Male to Female. Consists of two female sides



#### Serial Cables

Model/SKU Number	Description
CANULXFF	<ul> <li>Connect two PCs via their serial ports.</li> <li>Requires the use of Win95/98 direct connection feature or similar software.</li> <li>DB25 Female - Female</li> <li>Any length made to order (please contact us)</li> </ul>
CA0906MFX	<ul> <li>Extension for any 9-pin serial or mouse cables - 6FT</li> <li>DB9M - DB9F</li> <li>9 conductor, straight through</li> </ul>
CA2510MF	<ul> <li>Connect PC to an external modem or extend a DB25 serial or parallel cable.</li> <li>DB25, Male - Female</li> <li>Straight through</li> </ul>
IBATATIO	Connect two PCs via their serial ports. • DB9 Female - Female, 10 FT in length
IBMKBXPS06	PS/2 style 6-pin Mini-DIN Serial cable Extension, Male-Female • Available in 6 ft and 15 ft lengths

Model/SKU Number	Description
KSJW-STSX	Fiber Optic ST simlex female to female keystone jack insert.
KSJVV-USB-AB	USB A (front) to B (back) female-female keystone jack insert.
KSJVV-USB-BA	USB B (front) to A (back) female-female keystone jack insert.
KSBW	Blank plate to cover empty Keystone slots in face plates - White.
KSJS-C6AFF	CAT6A RJ45 keystone female to female shielded jack.

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#### COMPUTER CABLES

Model/SKU Number	Description
KSJS-C6APD	CAT6A RJ45 keystone tool-less punchdown shielded jack.
KSJW-12PD	RJ12 keystone 110 punchdown jack.
KSJW-12ST	RJ12 keystone self-terminating punchdown jack.
KSJW-C6PD	RJ45 keystone 110 punchdown jack.
KSJS-C6AFF	Cat 6 keystone tool-less punchdown jack. Fits all wall plates and 16-port keystone panel only.

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COMPUTER CABLES		75

Model/SKU Number	Description
KSJW-DVI	DVI keystone insert, female to female. Fits double width keystone wall plate.
KSJVV-F	F-type keystone insert, female to female.
KSJW-HDMI	HDMI keystone insert, female to female.
KSJW-LCDX	Fiber Optic LC duplex female to female keystone jack insert.
KSIW-SCSX	Fiber Optic SC simplex female to female keystone jack insert.

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**COMPUTER CABLES** 

Model/SKU Number	Description
KSWPS-1 / 2 / 3 / 4 / 6	<ul> <li>Stainless steel Keystone wall plates.</li> <li>Available in 1, 2, 3, 4 and 6 position configurations.</li> </ul>
KSWPW-1 / 2 / 3 / 4 / 6	<ul> <li>White keystone wall plate,.</li> <li>Available in 1, 2, 3, 4, and 6 position configurations</li> </ul>
KSWPW-2DI	White keystone wall plate, 2 single + 1 double positions.
KSWPW-2D2	White keystone wall plate, 2 single + 2 double positions.



Model/SKU Number	Description
KSWPW-4DI	• White keystone wall plate, 4 single + 1 double positions.
KSWPW-AI/2/3/4	<ul> <li>White keystone angled wall plate.</li> <li>Available in 1, 2, 3, and 4 position configurations</li> </ul>



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