CABLING SUPPORT STRUCTURE PRICING ADDENDUM

Description - Change on Price List	Ref. No.	Mfg. Model No.	Equip. Unit Price	+	Install Unit Price	=	Total Unit Price	x	Est. Qty.	=	Total Bid Price
Remove											
Fiber Optic Connectors											
SC Unicam 50um SX, ea	CS-310	95-050-41-X	-$22.29		-75.00		-97.29		1		-97.29
SC Anaerobic MM 50um Aqua Boot, ea	CS-311	95-051-41-SP-X	-$7.05		-75.00		-82.05		1		-82.05
Closet Connector Housing Panels & Fan-out Kits											
CCH Pnl w/3 SC DPLX (6 Fiber) 50um, ea	CS-323	CCH-CP06-E7	-$63.47		-14.85		-78.32		1		-78.32
CCH Pnl w/6 SC SX (12 Fiber) 50um, ea	CS-324	CCH-CP12-E7	-$110.92		-14.85		-125.77		1		-125.77
Add											
Fiber Optic Connectors											
SC UniCam, 50um MM (OM3/4), ea	CS-310	95-050-41-X	$22.29		75.00		97.29		1		97.29
SC Anaerobic, 50um MM (OM3/4), ea	CS-311	95-051-41-SP-X	$7.05		75.00		82.05		1		82.05
Closet Connector Housing Panels & Fan-out Kits											
CCH Pnl w/3 SC DPLX (6 Fiber) 50um (OM3/4), ea	CS-323	CCH-CP06-E7	$63.47		14.85		78.32		1		78.32
CCH Pnl w/6 SC DPLX (12 Fiber) 50um (OM3/4), ea	CS-324	CCH-CP12-E7	$110.92		14.85		125.77		1		125.77
Description - New Adds on Price List											
Closet Connector Housing Panels & Fan-out Kits											
CCH Pnl w/3 LC DPLX (6 Fiber) 50um (OM3/4), ea	CS-325	CCH-CP06-E4	72.66		14.85		87.51		1		87.51
CCH Pnl w/6 LC DPLX (12 Fiber) 50um (OM3/4), ea	CS-326	CCH-CP12-E4	127.82		14.85		142.67		1		142.67
CCH Pnl w/12 LC DPLX (24 Fiber) 50um (OM3/4), ea	CS-327	CCH-CP24-E4	238.21		14.85		253.06		1		253.06
Fiber Optic Connectors											
LC UniCam, 50um MM (OM3/4), ea	CS-328	95-050-99-X	23.47		75.00		98.47		1		98.47
LC Anaerobic, 50um MM (OM3/4), ea	CS-329	95-051-98-SP-X	7.40		75.00		82.40		1		82.40
Fiber Optic Cables and Innerduct											
50um CMP (OM4):											
6 Fiber, MIC, 50um MM (OM4), foot	CS-330	006T88-31190-29	2.10		3.71		5.81		1		5.81
12 Fiber, MIC, 50um MM (OM4), foot	CS-331	012T88-33190-29	3.75		3.71		7.46		1		7.46
24 Fiber, MIC, 50um MM (OM4), foot	CS-332	024T88-33190-29	7.93		3.71		11.64		1		11.64
Inner Duct Orange w/tape, Plenum, 1", foot	CS-333	CF4X1C-6500	4.00		4.45		8.45		1		8.45
						Sub-Total: Cabling and support Structures					**697.47**

Description	Ref. No.	Rate	x	Sub-Total: Cabling and Support Structures	Total Bid Price
Regulatory Fees/Charges and Taxes					
Hawaii General Excise Tax	GET	0.04712		$697.47	**32.86**
Others					
				Sub-Total: Regulatory Fees/Charges and Taxes	**32.86**
				Total: Cabling and Support Structures-Addendum	**730.33**

UniCam® Connector, SC

50 µm multimode (OM3/OM4 compatible)

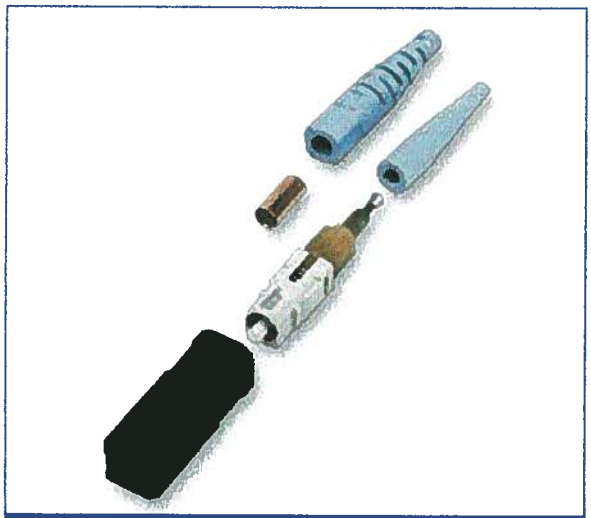
CORNING

Corning Cable Systems UniCam® High-Performance Connectors offer best-in-class optical performance in a fast, easy field-termination solution. These high-precision connectors guarantee exceptional insertion loss – 0.1 dB typical/0.5 dB maximum per connector pair for multimode, 0.2 dB typical/0.5 dB maximum per connector pair for single-mode. Installation of an LC, SC or ST® Compatible Connector can be accomplished in about 45 seconds with the UniCam High-Performance Tool Kit.

Corning Cable Systems UniCam® Standard-Performance Connectors offer best-in-class optical performance in a fast, easy field-termination solution ideal for fiber-to-the-workstation applications where setup and teardown time is critical. The high-precision mechanical splice technology enables fiber optic networks to be installed quickly and cost effectively.

The lightweight, handheld installation tool and the high-performance cleaver virtually eliminate human variability from installation, ensuring terminations are right the first time, every time. The kit was designed with consideration for network installers, from the cleaver, with its integrated fiber scrap holder and dual-clamp precision hold, to the installation tool, with its immediate go/no-go feedback signal. Installation is as easy as strip, clean, cleave, cam and crimp, with exceptional optical performance guaranteed. Every UniCam® Connector is guaranteed to meet the published specification at the time of installation or Corning Cable Systems will replace it.

Part Number: 95-050-41-X



Part Number: 95-050-41-X

CS-310

Features and Benefits

Broad operating temperature (-40° to +75°C)
Utility and flexibility

Factory-polished end face
Consistent optical performance

Fast termination and no consumables
Low installation cost

Minimum insertion loss
Optimum optical performance

Standards

Approval and Listings	Passed EIA/TIA 568-B.3
Intermateability	Connectors are FOCIS compliant with TIA/EIA 604-10A and IEC61754-20

CORNING

UniCam® Connector, SC

50 µm multimode (OM3/OM4 compatible)

CORNING

Specifications

General Specifications	
Product Type	Field-Installable Connectors
Technology	No-Epoxy/No-Polish
Keyed	No
Corning Logo	Yes
Packaging	Single Pack
Fiber Category	50 µm MM (OM3/OM4 compatible)

Temperature Range	
Operation	-40 °C to 75 °C exceeding EIA/TIA 568-B.3 (-40 °F to 167 °F exceeding EIA/TIA 568-B.3)

Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2002/95/EG

Ordering Information

Part Number	95-050-41-X
Product Description	UniCam® High-Performance Connector, SC, 50 µm multimode (OM3/OM4 compatible), ceramic ferrule, logo, single pack, black housing, aqua boot

Shipping Information

Units per Delivery	1/1
Package Contents	Connector, shroud, crimp band, boot (900 µm), boot (3.0 mm)

Anaerobic Connector, SC

50 µm multimode (OM3/OM4/OM4 extended 10G distance)

CORNING

Corning Cable Systems Anaerobic-Cure Connectors offer optical performance in a fast, easy field-termination solution designed for fiber-to-the-workstation applications for single-mode and multimode connections. This connector combines the quick-cure convenience of anaerobic adhesive with the performance of epoxy-and-polish connectors. Ideal for enterprise networks and any installations requiring field-installed connectors, the anaerobic-cure technology enables fiber optic networks to be installed cost effectively with minimal tools.Installation of the connector can be accomplished in minutes with the anaerobic adhesive two-part epoxy process. The adhesive is first injected into the connector ferrule and then the fiber is dipped into the primer and inserted into the connector. Curing takes only one minute without the use of lamps or ovens. With the hand-polish process, an average insertion loss of 0.2 dB is achieved.

Features and Benefits

Quick-cure epoxy
No lamps or ovens needed

Minimal tools and no index-matching gel
Low installation cost

Hand polished for minimum insertion loss
Reliability and optical performance

CS-311

Standards

Intermateability	Compliant with TIA/EIA 604-3

Specifications

General Specifications	
Technology	Field Polish (anaerobic)
Keyed	No
Packaging	Single Pack
Product Type	Field-Installable Connectors
Corning Logo	Yes
Fiber Category	50 µm MM (OM3/OM4/OM4 extended 10G distance)

CORNING

Anaerobic Connector, SC

50 µm multimode (OM3/OM4/OM4 extended 10G distance)

CORNING

Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2002/95/EG

Ordering Information

Part Number	95-051-41-SP-X
Product Description	SC Connector, 50 µm multimode (OM3/OM4/OM4 extended 10G distance), ceramic ferrule, composite hardware, single pack, black housing, aqua boot

Shipping Information

Units per Delivery	1/1
Package Contents	Connector, Shroud, Crimp Band (1.6/2.0 mm), Crimp Band (3.0 mm), Boot (900 µm), Boot (2.0 mm), Boot (3.0 mm)

RoHS COMPLIANT

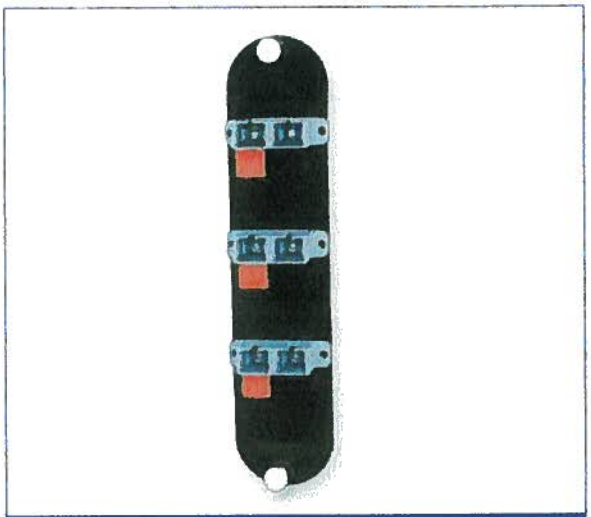
Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/cablesystems

Closet Connector Housing (CCH) Panel, SC Adapters

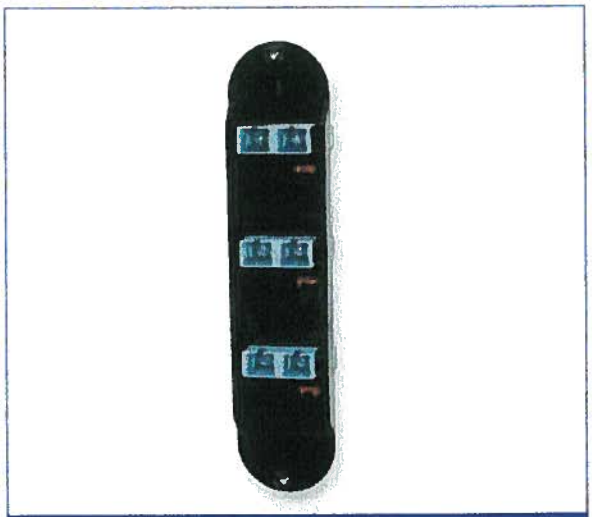
Duplex, 6 F, 50 µm multimode (OM3/4)

CORNING

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



Part Number: CCH-CP06-E7



Part Number: CCH-CP06-E7

Features and Benefits

Universal design approach
One-size-fits-all LANscape® Solutions housings

Broadest range of fiber count and adapter types
Solutions for all needs

Colored icon labeling
Easy connector identification

CS-323

CORNING

Closet Connector Housing (CCH) Panel, SC Adapters

Duplex, 6 F, 50 µm multimode (OM3/4)

CORNING

Specifications

General Specifications	
Application	Enterprise Networks, Data Center LAN/SAN
Product Type	Panels & Modules
Fiber Category	50 µm MM (OM3)

Design - Hardware	
Fiber Count	6
Number of Adapters per Panel	3

Design Adapter	
Adapter Housing Color	Aqua
Adapter Housing Material	Composite
Adapter Type	SC duplex
Insert Material	Ceramic

Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2002/95/EG

Ordering Information

Part Number	CCH-CP06-E7
Product Description	Closet Connector Housing (CCH) Panel, SC adapters, Duplex, 6 F, 50 µm multimode (OM3/4)

Closet Connector Housing (CCH) Panel, SC Adapters

Duplex, 6 F, 50 µm multimode (OM3/4)

CORNING

Shipping Information

Units per Delivery	1/1
Package Contents	CCH Adapter Panel with installation guide

RoHS COMPLIANT

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Closet Connector Housing (CCH) Panel, SC Adapters

Duplex, 12 F, 50 µm multimode (OM3/4)

CORNING

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

Part Number: CCH-CP12-E7

CS-324

Features and Benefits

Universal design approach
One-size-fits-all LANscape® Solutions housings

Broadest range of fiber count and adapter types
Solutions for all needs

Colored icon labeling
Easy connector identification

Specifications

General Specifications	
Application	Enterprise Networks, Data Center LAN/SAN
Product Type	Panels & Modules
Fiber Category	50 µm MM (OM3)

Design - Hardware	
Fiber Count	12
Number of Adapters per Panel	6

Design Adapter	
Adapter Housing Color	Aqua
Adapter Housing Material	Composite
Adapter Type	SC duplex
Insert Material	Ceramic

CORNING

Closet Connector Housing (CCH) Panel, SC Adapters

Duplex, 12 F, 50 µm multimode (OM3/4)

CORNING

Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2002/95/EG

Ordering Information

Part Number	CCH-CP12-E7
Product Description	Closet Connector Housing (CCH) Panel, SC adapters, Duplex, UPC, 12 F, 50 µm multimode (OM3)

Shipping Information

Units per Delivery	1/1
Package Contents	CCH Adapter Panel with installation guide

RoHS COMPLIANT

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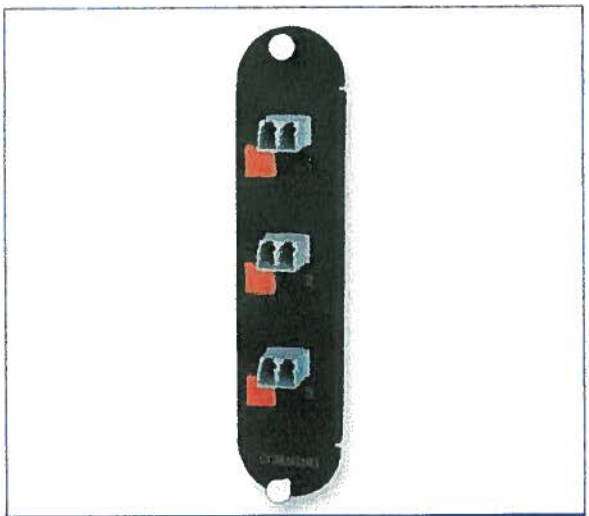
Closet Connector Housing (CCH) Panel, LC Adapters

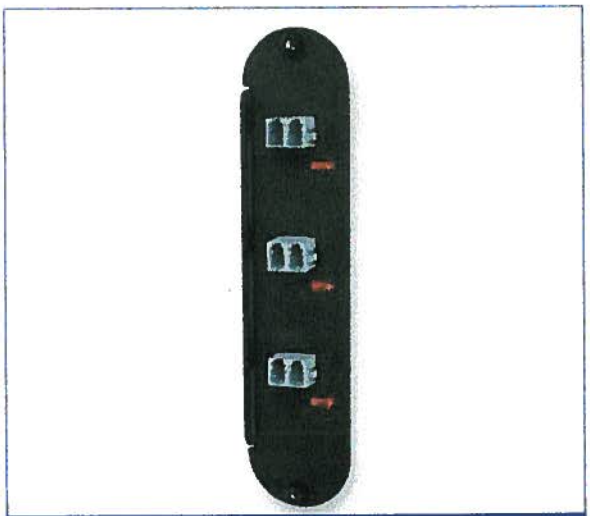
Duplex, 6 F, 50 µm multimode (OM3/4)

CORNING

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



Part Number: CCH-CP06-E4



Part Number: CCH-CP06-E4

CS-325

Features and Benefits

Universal design approach
One-size-fits-all LANscape® Solutions housings

Broadest range of fiber count and adapter types
Solutions for all needs

Colored icon labeling
Easy connector identification

CORNING

Closet Connector Housing (CCH) Panel, LC Adapters

Duplex, 6 F, 50 µm multimode (OM3/4)

CORNING

Specifications

General Specifications	
Application	Enterprise Networks, Data Center LAN/SAN
Product Type	Panels & Modules
Fiber Category	50 µm MM (OM3)

Design - Hardware	
Fiber Count	6
Number of Adapters per Panel	3

Design Adapter	
Adapter Housing Color	Aqua
Adapter Housing Material	Composite
Adapter Type	LC duplex
Insert Material	Ceramic

Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2002/95/EG

Ordering Information

Part Number	CCH-CP06-E4
Product Description	Closet Connector Housing (CCH) Panel, LC adapters, Duplex, 6 F, 50 µm multimode (OM3/4)

Closet Connector Housing (CCH) Panel, LC Adapters

Duplex, 6 F, 50 µm multimode (OM3/4)

CORNING

Shipping Information

Units per Delivery	1/1
Package Contents	CCH Adapter Panel with installation guide

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Closet Connector Housing (CCH) Panel, LC Adapters

Duplex, 12 F, 50 µm multimode (OM3/4)

CORNING

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

Part Number: CCH-CP12-E4

CS-326

Features and Benefits

Universal design approach
One-size-fits-all LANscape® Solutions housings

Broadest range of fiber count and adapter types
Solutions for all needs

Colored icon labeling
Easy connector identification

Specifications

General Specifications	
Application	Enterprise Networks, Data Center LAN/SAN
Product Type	Panels & Modules
Fiber Category	50 µm MM (OM3)

Design - Hardware	
Fiber Count	12
Number of Adapters per Panel	6

Design Adapter	
Adapter Housing Color	Aqua
Adapter Housing Material	Composite
Adapter Type	LC duplex
Insert Material	Ceramic

CORNING

Closet Connector Housing (CCH) Panel, LC Adapters

Duplex, 12 F, 50 µm multimode (OM3/4)

CORNING

Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2002/95/EG

Ordering Information

Part Number	CCH-CP12-E4
Product Description	Closet Connector Housing (CCH) Panel, LC adapters, Duplex, 12 F, 50 µm multimode (OM3/4)

Shipping Information

Units per Delivery	1/1
Package Contents	CCH Adapter Panel with installation guide

RoHS COMPLIANT

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Closet Connector Housing (CCH) Panel, LC Adapters

Duplex, 24 F, 50 µm multimode (OM3/4)

CORNING

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

Part Number: CCH-CP24-E4

CS-327

Features and Benefits

Universal design approach
One-size-fits-all LANscape® Solutions housings

Broadest range of fiber count and adapter types
Solutions for all needs

Colored icon labeling
Easy connector identification

Specifications

General Specifications	
Application	Enterprise Networks, Data Center LAN/SAN
Product Type	Panels & Modules
Fiber Category	50 µm MM (OM3)

Design - Hardware	
Fiber Count	24
Number of Adapters per Panel	12

Design Adapter	
Adapter Housing Color	Aqua
Adapter Housing Material	Composite
Adapter Type	LC duplex
Insert Material	Ceramic

CORNING

Closet Connector Housing (CCH) Panel, LC Adapters

Duplex, 24 F, 50 µm multimode (OM3/4)

Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2002/95/EG

Ordering Information

Part Number	CCH-CP24-E4
Product Description	Closet Connector Housing (CCH) Panel, LC adapters, Duplex, 24 F, 50 µm multimode (OM3/4)

Shipping Information

Units per Delivery	1/1
Package Contents	CCH Adapter Panel with installation guide

RoHS COMPLIANT

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UniCam® Connector, LC

50 µm multimode (OM3/OM4 compatible)

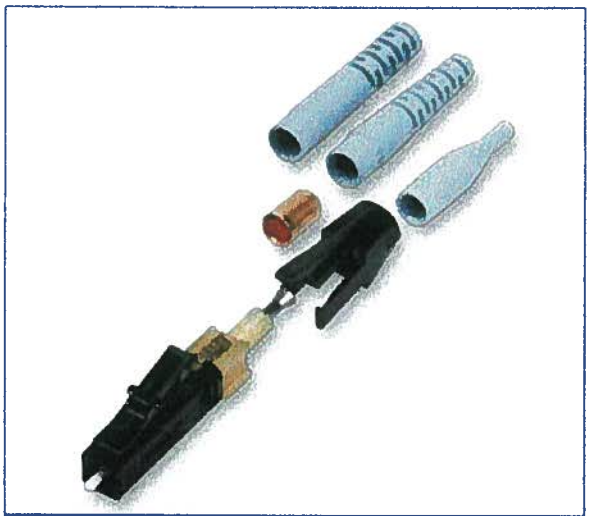
CORNING

Corning Cable Systems UniCam® High-Performance Connectors offer best-in-class optical performance in a fast, easy field-termination solution. These high-precision connectors guarantee exceptional insertion loss – 0.1 dB typical/0.5 dB maximum per connector pair for multimode, 0.2 dB typical/0.5 dB maximum per connector pair for single-mode. Installation of an LC, SC or ST® Compatible Connector can be accomplished in about 45 seconds with the UniCam High-Performance Tool Kit.

Corning Cable Systems UniCam® Standard-Performance Connectors offer best-in-class optical performance in a fast, easy field-termination solution ideal for fiber-to-the-workstation applications where setup and teardown time is critical. The high-precision mechanical splice technology enables fiber optic networks to be installed quickly and cost effectively.

The lightweight, handheld installation tool and the high-performance cleaver virtually eliminate human variability from installation, ensuring terminations are right the first time, every time. The kit was designed with consideration for network installers, from the cleaver, with its integrated fiber scrap holder and dual-clamp precision hold, to the installation tool, with its immediate go/no-go feedback signal. Installation is as easy as strip, clean, cleave, cam and crimp, with exceptional optical performance guaranteed. Every UniCam® Connector is guaranteed to meet the published specification at the time of installation or Corning Cable Systems will replace it.

Part Number: 95-050-99-X



Part Number: 95-050-99-X

CS-328

Features and Benefits

Broad operating temperature (-40° to +75°C)
Utility and flexibility

Factory-polished end face
Consistent optical performance

Fast termination and no consumables
Low installation cost

Minimum insertion loss
Optimum optical performance

Standards

Approval and Listings	Passed EIA/TIA 568-B.3
Intermateability	Connectors are FOCIS compliant with TIA/EIA 604-10A and IEC61754-20

CORNING

UniCam® Connector, LC

50 µm multimode (OM3/OM4 compatible)

CORNING

Specifications

General Specifications	
Technology	No-Epoxy/No-Polish
Keyed	No
Product Type	Field-Installable Connectors
Corning Logo	Yes
Packaging	Single Pack
Fiber Category	50 µm MM (OM3/OM4 compatible)

Temperature Range	
Operation	-40 °C to 75 °C exceeding EIA/TIA 568-B.3 (-40 °F to 167 °F exceeding EIA/TIA 568-B.3)

Chemical Characteristics	
RoHS	Free of hazardous substances according to RoHS 2002/95/EG

Ordering Information

Part Number	95-050-99-X
Product Description	UniCam® High-Performance Connector, LC, 50 µm multimode (OM3/OM4 compatible), ceramic ferrule, logo, single pack, black housing, aqua boot

Shipping Information

Units per Delivery	1/1
Package Contents	Connector, trigger, crimp band, boot (900 µm), boot (3.0 mm), boot (2.0 mm)

CORNING | Cable Systems

Anaerobic Connector, LC, 50 µm multimode (OM3/OM4/OM4 extended 10G distance)

Part Number: **95-051-98-SP-X**

Corning Cable Systems Anaerobic-Cure Connectors offer optical performance in a fast, easy field-termination solution designed for fiber-to-the-workstation applications for single-mode and multimode connections. This connector combines the quick-cure convenience of anaerobic adhesive with the performance of epoxy-and-polish connectors. Ideal for enterprise networks and any installations requiring field-installed connectors, the anaerobic-cure technology enables fiber optic networks to be installed cost effectively with minimal tools.Installation of the connector can be accomplished in minutes with the anaerobic adhesive two-part epoxy process. The adhesive is first injected into the connector ferrule and then the fiber is dipped into the primer and inserted into the connector. Curing takes only one minute without the use of lamps or ovens. With the hand-polish process, an average insertion loss of 0.2 dB is achieved.

Part Number	95-051-98-SP-X
Product Description	LC Connector, 50 µm multimode (OM3/OM4/OM4 extended 10G distance), ceramic ferrule, ceramic hardware, single pack, black housing, aqua boot
Keyed	No
Product Type	Field-Installable Connectors
Fiber Category	50 µm MM (OM3/OM4/OM4 extended 10G distance)
Units per Delivery	1/1

Features And Benefits

CS-329

- **Quick-cure epoxy**
  No lamps or ovens needed
- **Minimal tools and no index-matching gel**
  Low installation cost
- **Hand polished for minimum insertion loss**
  Reliability and optical performance

Standards

Intermateability	Compliant with TIA/EIA 604-10

General Specifications

Technology	Field Polish (anaerobic)
Keyed	No
Packaging	Single Pack
Product Type	Field-Installable Connectors
Corning Logo	Yes
Fiber Category	50 µm MM (OM3/OM4/OM4 extended 10G distance)

Design - Connector

Connector Type	LC
Ferrule	Ceramic
Housing Material	Composite
Housing Color	Black
Boot Color	Aqua

Mechanical Specifications - Connector

Temperature Cycling	≤ 0.3 dB IL, -40° to +75°C, 21 cycles

Optical Specifications - Connector

Insertion Loss, Typical	≤ 0.2 dB
Insertion Loss, Max.	≤ 0.75 dB
Reflectance	≤ -26 dB

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG

Shipping Information

Units per Delivery	1/1
Package Contents	Connector, Trigger, Crimp Band (1.6/2.0 mm), Crimp Band (3.0 mm), Boot (900 µm), Boot (2.0 mm), Boot (3.0 mm)

MIC® Tight-Buffered Cable, Plenum

6 F, 50 µm multimode (OM4)

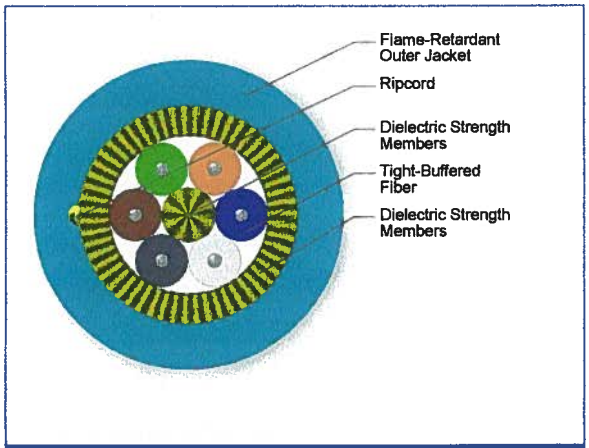
CORNING

Corning Cable Systems MIC® Plenum Cables are designed for use in plenum, riser and general purpose environments for intrabuilding backbone and horizontal installations. These multifiber cables use 900 µm TBII® Buffered Fibers to allow easy, consistent stripping and to facilitate termination. The fibers are surrounded by dielectric strength members and protected by a flame-retardant outer jacket.

The all-dielectric cable construction requires no grounding or bonding. MIC Plenum cables are ideal for routing inside buildings, within plenum areas and riser shafts, to the telecommunications rooms and workstations. The MIC Plenum Cables meet the application requirements of the National Electrical Code® (NEC®) Article 770 and are OFNP and FT-6 listed.

This cable is available in 12 different jacket colors - blue, orange, green, brown, slate, white, red, black, yellow, purple, rose and aqua. The colored jacket allows for easy visual identification of the cables. The standard jacket color will be determined by the dominant fiber type in the cable and will use the standard part numbers shown here. Contact Customer Care at 1-800-743-2675 to order other color options.

Part Number: 006T88-31190-29



Cross Section of Part Number: 006T88-31190-29

CS-330

Features and Benefits

900 µm TBII® Buffered Fibers
Easy, consistent stripping

All-dielectric construction
Requires no grounding or bonding

Flame-retardant jacket
Rugged and durable

Standards

Approval and Listings	National Electrical Code® (NEC®) OFNP, CSA FT-6, ICEA S-83-596
Flame Resistance	NFPA 262 (for plenum, riser and general building applications)

CORNING

MIC® Tight-Buffered Cable, Plenum

6 F, 50 µm multimode (OM4)

CORNING

Specifications

General Specifications	
Environment	Indoor
Application	General Purpose Horizontal, Vertical Riser, Plenum
Cable Type	Tight-Buffered
Product Type	Distribution
Flame Rating	Plenum (OFNP)
Fiber Category	50 µm MM (OM4)

Temperature Range	
Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Installation	0 °C to 60 °C (32 °F to 140 °F)
Operation	0 °C to 70 °C (32 °F to 158 °F)

Cable Design	
Central Element	Yarn
Fiber Count	6
Tight Buffer Color	Blue, Orange, Green, Brown, Slate, White
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Number of Ripcords	1
Outer Jacket Material	Flame-retardant
Outer Jacket Color	Aqua

Mechanical Characteristics Cable	
Max. Tensile Strengths, Short-Term	440 N (100 lbf)
Max. Tensile Strengths, Long-Term	132 N (30 lbf)
Nominal Outer Diameter	5.3 mm (0.21 in)
Weight	27 kg/km (19 lb/1000 ft)
Min. Bend Radius Installation	80 mm (3.2 in)
Min. Bend Radius Operation	27 mm (1.1 in)

MIC® Tight-Buffered Cable, Plenum

6 F, 50 µm multimode (OM4)

CORNING

Fiber Specifications

Optical Characteristics (cabled)	
Fiber Type	Multimode
Fiber Core Diameter	50 µm
Fiber Category	OM4
Fiber Code	T
Performance Option Code	90
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	2.8 dB/km / 1 dB/km
Min. Overfilled Launch (OFL) Bandwidth	3500 MHz*km / 500 MHz*km
Minimum Effective Modal Bandwidth (EMB)	4700 MHz*km / -
Serial 1 Gigabit Ethernet	1100 m / 600 m
Serial 10 Gigabit Ethernet	550 m / -

* Assumes 1.0 dB maximum total connector/splice loss.
* Meets 0.75 ns optical skew when used in all Corning Cable Systems Plug & Play™/Pretium EDGE® Systems Solutions.

Notes: 1) *50 µm multimode fiber macrobend loss ≤ 0.2 dB at 850 nm for two turns around 7.5 mm radius mandrel.*
2) Improved attenuation and bandwidth options available.
3) Bend-insensitive single-mode fibers available on request.
4) *Contact a Corning Cable Systems Customer Care Representative for additional information.*

Ordering Information

Part Number	006T88-31190-29
Product Description	MIC® Tight-Buffered Cable, Plenum, 6 F, 50 µm multimode (OM4)

RoHS COMPLIANT

Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/cablesystems

MIC® Tight-Buffered Cable, Plenum

12 F, 50 µm multimode (OM4)

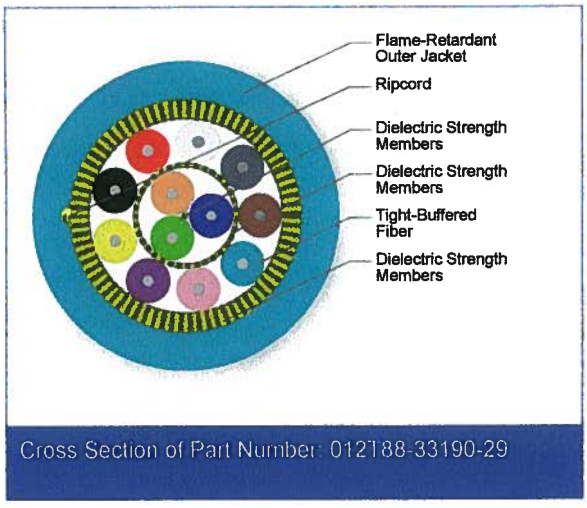
CORNING

Corning Cable Systems MIC® Plenum Cables are designed for use in plenum, riser and general purpose environments for intrabuilding backbone and horizontal installations. These multifiber cables use 900 µm TBII® Buffered Fibers to allow easy, consistent stripping and to facilitate termination. The fibers are surrounded by dielectric strength members and protected by a flame-retardant outer jacket.

The all-dielectric cable construction requires no grounding or bonding. MIC Plenum cables are ideal for routing inside buildings, within plenum areas and riser shafts, to the telecommunications rooms and workstations. The MIC Plenum Cables meet the application requirements of the National Electrical Code® (NEC®) Article 770 and are OFNP and FT-6 listed.

This cable is available in 12 different jacket colors - blue, orange, green, brown, slate, white, red, black, yellow, purple, rose and aqua. The colored jacket allows for easy visual identification of the cables. The standard jacket color will be determined by the dominant fiber type in the cable and will use the standard part numbers shown here. Contact Customer Care at 1-800-743-2675 to order other color options.

Part Number: 012T88-33190-29



Cross Section of Part Number: 012T88-33190-29

CS-331

Features and Benefits

900 µm TBII® Buffered Fibers
Easy, consistent stripping

All-dielectric construction
Requires no grounding or bonding

Flame-retardant jacket
Rugged and durable

Standards

Approval and Listings	National Electrical Code® (NEC®) OFNP, CSA FT-6, ICEA S-83-596
Flame Resistance	NFPA 262 (for plenum, riser and general building applications)

CORNING

MIC® Tight-Buffered Cable, Plenum

12 F, 50 µm multimode (OM4)

CORNING

Specifications

General Specifications	
Environment	Indoor
Application	General Purpose Horizontal, Vertical Riser, Plenum
Cable Type	Tight-Buffered
Product Type	Distribution
Flame Rating	Plenum (OFNP)
Fiber Category	50 µm MM (OM4)

Temperature Range	
Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Installation	0 °C to 60 °C (32 °F to 140 °F)
Operation	0 °C to 70 °C (32 °F to 158 °F)

Cable Design	
Central Element	Yarn
Fiber Count	12
Tight Buffer Color	Blue, Orange, Green
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Tight Buffer Color, Layer 2	Brown, Slate, White, Red, Black, Yellow, Violet, Rose, Aqua
Tensile Strength Elements and/or Armoring - Layer 2	Dielectric strength members
Number of Ripcords	1
Outer Jacket Material	Flame-retardant
Outer Jacket Color	Aqua

Mechanical Characteristics Cable	
Max. Tensile Strengths, Short-Term	440 N (100 lbf)
Max. Tensile Strengths, Long-Term	132 N (30 lbf)
Nominal Outer Diameter	6.1 mm (0.24 in)
Weight	37 kg/km (26 lb/1000 ft)
Min. Bend Radius Installation	92 mm (3.6 in)
Min. Bend Radius Operation	31 mm (1.2 in)

MIC® Tight-Buffered Cable, Plenum

12 F, 50 µm multimode (OM4)

CORNING

Fiber Specifications

Optical Characteristics (cabled)	
Fiber Type	Multimode
Fiber Core Diameter	50 µm
Fiber Category	OM4
Fiber Code	T
Performance Option Code	90
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	2.8 dB/km / 1 dB/km
Min. Overfilled Launch (OFL) Bandwidth	3500 MHz*km / 500 MHz*km
Minimum Effective Modal Bandwidth (EMB)	4700 MHz*km / -
Serial 1 Gigabit Ethernet	1100 m / 600 m
Serial 10 Gigabit Ethernet	550 m / -

* Assumes 1.0 dB maximum total connector/splice loss.
* Meets 0.75 ns optical skew when used in all Corning Cable Systems Plug & Play™/Pretium EDGE® Systems Solutions.

Notes:
1) *50 µm multimode fiber macrobend loss ≤ 0.2 dB at 850 nm for two turns around 7.5 mm radius mandrel.*
2) Improved attenuation and bandwidth options available.
3) Bend-insensitive single-mode fibers available on request.
4) *Contact a Corning Cable Systems Customer Care Representative for additional information.*

Ordering Information

Part Number	012T88-33190-29
Product Description	MIC® Tight-Buffered Cable, Plenum, 12 F, 50 µm multimode (OM4)

RoHS COMPLIANT

Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/cablesystems

MIC® Tight-Buffered Cable, Plenum

24 F, 50 µm multimode (OM4)

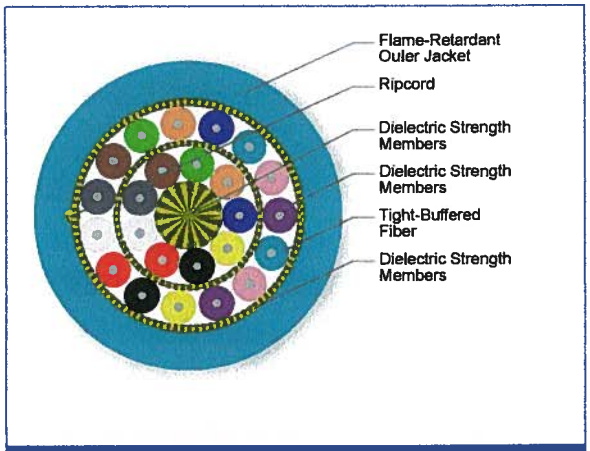
CORNING

Corning Cable Systems MIC® Plenum Cables are designed for use in plenum, riser and general purpose environments for intrabuilding backbone and horizontal installations. These multifiber cables use 900 µm TBII® Buffered Fibers to allow easy, consistent stripping and to facilitate termination. The fibers are surrounded by dielectric strength members and protected by a flame-retardant outer jacket.

The all-dielectric cable construction requires no grounding or bonding. MIC Plenum cables are ideal for routing inside buildings, within plenum areas and riser shafts, to the telecommunications rooms and workstations. The MIC Plenum Cables meet the application requirements of the National Electrical Code® (NEC®) Article 770 and are OFNP and FT-6 listed.

This cable is available in 12 different jacket colors - blue, orange, green, brown, slate, white, red, black, yellow, purple, rose and aqua. The colored jacket allows for easy visual identification of the cables. The standard jacket color will be determined by the dominant fiber type in the cable and will use the standard part numbers shown here. Contact Customer Care at 1-800-743-2675 to order other color options.

Part Number: 024T88-33190-29



Cross Section of Part Number: 024T88-33190-29

Features and Benefits

900 µm TBII® Buffered Fibers
Easy, consistent stripping

All-dielectric construction
Requires no grounding or bonding

Flame-retardant jacket
Rugged and durable

Standards

Approval and Listings	National Electrical Code® (NEC®) OFNP, CSA FT-6, ICEA S-83-596
Flame Resistance	NFPA 262 (for plenum, riser and general building applications)

CS-332

CORNING

MIC® Tight-Buffered Cable, Plenum

24 F, 50 µm multimode (OM4)

CORNING

Specifications

General Specifications	
Environment	Indoor
Application	General Purpose Horizontal, Vertical Riser, Plenum
Cable Type	Tight-Buffered
Product Type	Distribution
Flame Rating	Plenum (OFNP)
Fiber Category	50 µm MM (OM4)

Temperature Range	
Storage	-40 °C to 70 °C (-40 °F to 158 °F)
Installation	0 °C to 60 °C (32 °F to 140 °F)
Operation	0 °C to 70 °C (32 °F to 158 °F)

Cable Design	
Central Element	Yarn
Fiber Count	24
Tight Buffer Color	Blue, Orange, Green, Brown, Slate, White, Red, Black, Yellow
Tensile Strength Elements and/or Armoring - Layer 1	Dielectric strength members
Tight Buffer Color, Layer 2	Violet, Rose, Aqua, Blue*, Orange*, Green*, Brown*, Slate*, White*, Red*, Black*, Yellow*, Violet*, Rose*, Aqua*
Tensile Strength Elements and/or Armoring - Layer 2	Dielectric strength members
Number of Ripcords	1
Outer Jacket Material	Flame-retardant
Outer Jacket Color	Aqua

Mechanical Characteristics Cable	
Max. Tensile Strengths, Short-Term	440 N (100 lbf)
Max. Tensile Strengths, Long-Term	132 N (30 lbf)
Nominal Outer Diameter	7.8 mm (0.31 in)
Weight	64 kg/km (45 lb/1000 ft)
Min. Bend Radius Installation	117 mm (4.6 in)
Min. Bend Radius Operation	78 mm (3.1 in)

MIC® Tight-Buffered Cable, Plenum

24 F, 50 µm multimode (OM4)

CORNING

Fiber Specifications

Optical Characteristics (cabled)	
Fiber Type	Multimode
Fiber Core Diameter	50 µm
Fiber Category	OM4
Fiber Code	T
Performance Option Code	90
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	2.8 dB/km / 1 dB/km
Min. Overfilled Launch (OFL) Bandwidth	3500 MHz*km / 500 MHz*km
Minimum Effective Modal Bandwidth (EMB)	4700 MHz*km / -
Serial 1 Gigabit Ethernet	1100 m / 600 m
Serial 10 Gigabit Ethernet	550 m / -

* Assumes 1.0 dB maximum total connector/splice loss.
* Meets 0.75 ns optical skew when used in all Corning Cable Systems Plug & Play™/Pretium EDGE® Systems Solutions.

Notes:
1) *50 µm multimode fiber macrobend loss ≤ 0.2 dB at 850 nm for two turns around 7.5 mm radius mandrel.*
2) Improved attenuation and bandwidth options available.
3) Bend-insensitive single-mode fibers available on request.
4) *Contact a Corning Cable Systems Customer Care Representative for additional information.*

Ordering Information

Part Number	024T88-33190-29
Product Description	MIC® Tight-Buffered Cable, Plenum, 24 F, 50 µm multimode (OM4)

RoHS COMPLIANT

Corning Cable Systems LLC • PO Box 489 • Hickory, NC 28603-0489 USA
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/cablesystems

Thomas&Betts

Plenum-Gard Flexible Conduit
T&B Catalog Number: CF4X1C-6500

UPC Number: 03448117951
Status: Active
Description:

1 in. Plenum-Gard orange corrugated non-metallic flexible conduit with tape, reel length-6500 ft.

Features

	Manufactured from PVDF resin which is extremely durable and resistant to abrasion and mechanical damage before/after cable installation.
	Listed to UL 2024 in accordance with the National Electrical Code for Plenum, Riser, General Purpose and other cabling optical fiber and telecommunication applications as defined in Articles 725, 770, 800 and 820.
	FT-6 Rated

Application

	Plenum, riser and general purpose applications.

General

Material	Non-Metallic
Color	Orange
Reel Type	Wood
Reel Length (feet)	6500
Reel Size (Feet x Width)	72" x 41"
Storage Temperatures	-4 degree F to 158 degree F
Handling Temperatures	-4 degree to 104 degree F
Pull Tape (lbs)	900

Dimension Information

Size (inches)	1
Minimum Bend Radius (inches)	3
Minimum O.D. (inches)	1.292
Maximum O. D. (inches)	1.312

Packaging

T&B Order Multiple	6500
Package in Units	6500
T&B Sold in UOM	Feet
T&B Weight Per UOM	0.14 lbs. Each

Certifications

RoHS Compliance	Yes

Certifications

c UL us CS-333

File Nbr:
E 13938

For further technical assistance, please contact us...

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Memphis, TN 38125
www.tnb.com

8155 T&B Blvd.
Memphis, TN 38125

Phone: (888) 862-3289
Fax: (901) 252-1321
Email:techsupport@tnb.com