CORNING

Local Area Networks and Data Center

Core Products Caribbean and Latin American

Continual Innovation

1944

Corning established its first presence in Brazil in 1944 to meet the demands of Latin America by initially focusing on specialty glass market.

1970

Developed the first optical fiber capable of maintaining laser light signal strength over significant distance

1998

Introduced MTP® factory-terminated Plug & Play systems to the market

2005

Launch of Universal wiring in plug-and-play to enable migration to parallel optics

Introduced "low-loss" 0.75 dB modules into Plug & Play™ systems

2007

Improved standard MM plug-and-play modules to 0.75 dB, and introduced a 0.5 dB low-loss plug-and-play module. Acceptance in Cisco CTDP program

2008

Introduced Pretium™ integrated solutions, an MTP-based solution tailored for Cisco switches

Announced Plug & Play systems with 100G ready performance

2009

Introduction of Corning® ClearCurve® OM3 and OM4 fiber to the market. Introduced EDGE™ as the first to offer 576-fibers in 4U

Introduced S500 copper jack to support 10G deployment

2010

Released 40 and 100G MTP jumpers

2011

Introduced 144 1U EDGE housing

2012

Developed first device fully integrated passive port tap into structured cabling

2013

Acquired new manufacturing facility in Brazil, allowing local development and manufacturing of adequate solutions for the Latin American market

2014

Introduced:

- High-fiber-count trunks
- BiDi TAP modules
- Port replication housing

2015

Launch of EDGE8® Base-8 MTP solution for data centers

2018

Acquired substantially all of 3M's high-bandwidth products, expanding the optical solutions for our customers and improving access to broadband connectivity

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EVOLVE YOUR NETWORK.
TRANSFORM THE WORLD.

Specifying, purchasing, and installing your local area network (LAN) or data center has never been easier. We've provided at-a-glance ordering information for our most popular products; these modular components are stocked by our authorized distributors for the fastest lead times. Also included in this guide is information about our newest products and the resources we've created to help save you time and money – because products are only part of what it takes to build a reliable, future-ready network.

Think you know Corning closures? Take another look.

As your network grows, so does our fiber closure line. As your network expands, so have our fiber closure products.

Splice Closure BPEO

CEFO Closure

Corning® Fiber Optic Closures 2178

Corning Fiber Optic Splice Closures

Knowing just a few basics about where you need fiber closures, what kind of connections you're making, and your plans for expansion can help you make the right decision for your network today and as it grows. Our full line of closures includes products newly available to Corning, like BPEO and the 2178 family, augmenting the existing closure portfolio you've seen in the past, as CEFO. With the most extensive fiber closure portfolio deployed worldwide, Corning is a proven choice for your next installation.

Contact customer care to learn more about how to choose the right fiber closure for your application.

Highly scalable, flexible networking.

Software-Defined Local Area Network (SD-LAN)

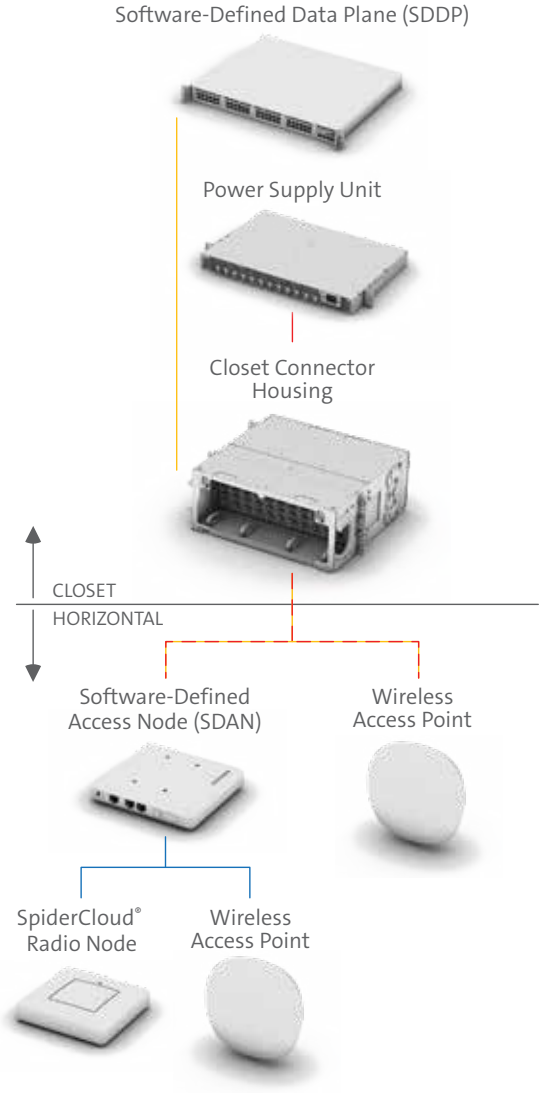
Our new SD-LAN portfolio provides a truly adaptable, scalable, and intelligent software-defined technology that decouples hardware and software layers, centralizing network management with flexible topology options to reduce upgrade costs.

The platform is technology-neutral, supporting active Ethernet deep into the network and passive optical LAN over a software-defined network architecture.

Enterprise-Ready, Small Cell Solutions

For enterprises looking to control their own cellular coverage and capacity, Corning small cell solutions deliver a high-capacity cellular signal that can cover a single building, distributed facilities, or a campus environment. Our small cell solutions are now available to any enterprise unsatisfied with its cellular service and are backed by a mobile operator-approved implementation process and support resources.

Explore Corning Small Cell and SD-LAN solutions at
corning.com/flexibility



Smaller cables, bigger possibilities

MiniXtend® HD cable with binderless* FastAccess® technology

Extreme-density networks are here to stay. That's why we invented MiniXtend HD cable with binderless FastAccess technology – our highest density micro cable. Featuring Corning® SMF-28® Ultra 200 fiber, with fiber counts up to 288, our MiniXtend HD cable is up to 20 percent smaller than standard micro cables, improves the utilization of limited duct space, and provides for scalable upgrades in the future.

To make installation faster and easier, we've incorporated our FastAccess technology which enables up to 70 percent faster cable access and reduced risk of buffer tube damage.

Experience industry-leading density from a small cable with big possibilities!

Are you future-ready?

Visit **corning.com/minixtend** to learn more.

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

Local Area Networks

Transmission Performance

OM1
62.5 µm multimode fiber

OM3
50 µm multimode fiber

OM4
50 µm multimode fiber

OS2
Single-mode fiber

For every part of your optical network, we provide cable, connectivity, hardware, accessories, and the expertise to bring it all together.

Don’t see what you’re looking for?

Visit our online product catalog at **corning.com/opcomm** for product information that’s easy to find, download, or print as needed.

Transmission Performance

	OM1	OM3	OM4	OS2
Optical Fiber Type	62.5 µm Multimode	50 µm Multimode	50 µm Multimode	Single-Mode
Wavelength (nm)	850/1300	850/1300	850/1300	1310/1550
Maximum Loose Tube Attenuation (dB/km)	3.4/1.0	3.0/1.0	3.0/1.0	0.4/0.3
Maximum Tight-Buffered Cabled Attenuation (dB/km)	2.8/1.0	2.8/1.0*	2.8/1.0*	0.65/0.5
Minimum Overfilled Launch Bandwidth (MHz•km)	200/500	1500/500	3500/500	– / –
Minimum Effective Modal Bandwidth (MHz•km)	2200/ –	2000/ –	4700/ –	– / –

	OM1	OM3	OM4	OS2
1 Gigabit Ethernet Distance (m)	300/550	1000/600	1000/600	5000/ –
10 Gigabit Ethernet Distance (m)	33/ –	300/ –	550/ –†	10000/40000
40 Gigabit Ethernet Distance (m)	– / –	100/ –	150/ –	10000 (40GBASE-LR4)
100 Gigabit Ethernet Distance (m)	– / –	100/ –	150/ –	10000 (100GBASE-LR4) 40000 (100GBASE-ER4)

**FREEDM® LST™ cable attenuation is 3.0/1.0.*
†IEEE 802.3 specifies a maximum distance of 400 m for 10GBASE-SR transmission. 550 m is considered an acceptable engineered-length distance utilizing a complete Corning solution.

OM1 (62.5 µm Multimode Fiber)

Cables

Indoor Cable			
MIC® Cable (Non-Armored)		MIC DX Armored Cable (Nonmetallic)	
Riser	Plenum	Plenum	
006K81-31130-24	006K88-31130-29	006K88-31130-D3	
012K81-33130-24	012K88-33130-29	012K88-33130-D3	
024K81-33130-24	024K88-33130-29	024K88-33130-D3	
MIC Interlocking Armored Cable (Metallic)		2.0-mm Zipcord Cable	
Riser	Plenum	Riser	Plenum
006K81-31130-A1	006K88-31130-A3	002K51-31330-24	002K58-31330-24
012K81-33130-A1	012K88-33130-A3		
024K81-33130-A1	024K88-33130-A3		

Indoor/Outdoor Cable			
FREEDM® One Cable		FREEDM LST™ Cable	
Riser	Plenum	Riser	Plenum
024K8F-31130-29	024K8P-31130-29	006KSF-T4130D20	006KSP-T4130D20
048K8F-61130-29	048K8P-61130-29	012KSF-T4130D20	012KSP-T4130D20
072K8F-T3130-29	072K8P-T3130-29	024KSF-T4130D20	
096K8F-Y3130-29	096K8P-Y3130-29		
144K8F-Y3130-29	144K8P-Y3130-29		
FREEDM Loose Tube Cable			
Riser		Plenum	
024KUF-T4130D20		024KWP-T4130D20	
048KUF-T4130D20		048KWP-T4130D20	
072KUF-T4130D20		072KWP-T4130D20	

Outdoor Cable	
ALTOS® Cable with FastAccess® Technology	ALTOS Lite Armored
OSP	012KUC-T4130D20
024KU4-T4730D20	024KUC-T4130D20
048KU4-T4730D20	048KUC-T4130D20
072KU4-T4730D20	072KUC-T4130D20

Panels/Cassettes

Standard Panels			
Fiber Count	LC	SC Duplex	ST® Compatible
6	CCH-CP06-A8	CCH-CP06-91	CCH-CP06-15T
12	CCH-CP12-A8	CCH-CP12-91	CCH-CP12-15T
24	CCH-CP24-A8		

Pigtailed Cassettes*			
Fiber Count	LC	SC Duplex	ST Compatible
6	Available†	Available†	Available†
12	Available†	Available†	Available†
24	Available†		

**Pigtailed cassettes for CCH, SCH, and WCH hardware. †Available with lead time. Refer to LAN-1129-EN.*

OM1 62.5 µm
Multimode Fiber

OM1 (62.5 µm Multimode Fiber)

Hardware

Wall-Mountable Hardware	
SCH-01C	Single-Cassette Housing, holds one CCH cassette
SPH-01P	Single-Panel Housing, holds one CCH connector panel
WCH-02P	Wall-Mountable Connector Housing, holds two CCH connector panels or cassettes
WCH-04P	Wall-Mountable Connector Housing, holds four CCH connector panels or cassettes
WCH-06P	Wall-Mountable Connector Housing, holds six CCH connector panels or cassettes
EDC-02P-NH*	Environmental Distribution Center, holds two CCH connector panels, NEMA 4X
EDC-06P-NH*	Environmental Distribution Center, holds six CCH connector panels, NEMA 4X
EDC-12P-NH*	Environmental Distribution Center, holds 12 CCH connector panels, NEMA 4X
ICH-02P	Industrial Connector Housing, holds two CCH connector panels, NEMA 3S
ICH-06P	Industrial Connector Housing, holds six CCH connector panels, NEMA 3S
ICH-12P	Industrial Connector Housing, holds 12 CCH connector panels, NEMA 3S

**EDC also available for order in stainless steel.*

Rack-Mountable Hardware	
CCH-01U	Closet Connector Housing, 1U, accepts up to two CCH panels or cassettes
CCH-02U	Closet Connector Housing, 2U, accepts up to four CCH panels or cassettes
CCH-03U	Closet Connector Housing, 3U, accepts up to six CCH panels or cassettes
CCH-04U	Closet Connector Housing, 4U, accepts up to 12 CCH panels or cassettes

Hardware Accessories	
SPH-DIN-KIT	DIN Rail Mounting Kit for SPH
ICH-SPLC-2	Splice Tray Holder for ICH-02P
ICH-SPLC-6	Splice Tray Holder for ICH-06P
CCHA-LOCK-KIT	Hardware Lock Kit for CCH and WCH housings only
HDWR-LOCK-KIT	Hardware Lock Kit for LANscape® hardware (not CCH or WCH)
HDWR-GRND-KIT	Hardware Grounding Kit for LANscape hardware

Cassettes/Splice Trays	
CCH-CS	Splice Cassette, holds one CCH connector panel and up to 24 heat-shrink fusion splices
CCH-CF	Termination Cassette, holds one CCH connector panel and up to 24 field terminations
M67-048	Splice Tray, holds 12 heat-shrink fusion splices, for LANscape splice closures
M67-076	Splice Tray, holds 12 heat-shrink fusion splices, for LANscape rack-mountable housings
M67-110	Splice Tray, holds 12 heat-shrink fusion splices, for LANscape wall-mountable housings

Connectors

Termination	Performance	LC	SC	ST® Compatible
UniCam® Connectors	High Performance (0.5 dB maximum)	95-000-99*	95-000-41*	95-000-51*
UniCam Connectors	Standard Performance (0.75 dB maximum)		95-000-40*	95-000-50
Anaerobic Connectors	Standard Performance	95-101-98-SP*	95-101-41-SP*	95-101-52-SP

**Add "-Z" to UniCam connector part number for 25/pack organizer pack (i.e. 95-000-99-Z).*
Includes boots for 900 µm only.

Toolkits

Toolkits	
UniCam™ High-Performance Toolkit 2	TKT-UNICAM-PFC2
UniCam High-Performance Toolkit	TKT-UNICAM-PFC
UniCam Standard-Performance Toolkit	TKT-UNICAM
Anaerobic Toolkit	TKT-ANAEROBIC2
Anaerobic Consumables	TKT-ANAEROBIC2-C

OM1 (62.5 µm Multimode Fiber)

Additional Products

2-Fiber Jumpers, Riser (3 m length)	
050502K5120003M	LC Duplex to LC Duplex
575702K5120003M	SC Duplex to SC Duplex
505002K5120003M	ST® Compatible to ST Compatible
055702K5120003M	LC Duplex to SC Duplex
505702K5120003M	ST Compatible to SC Duplex

Splice Closures	
CEFO-TCT2-xxx-PCS-STD	CEFO TC Optical Closure, 12-72 F, mechanical sealing, up to 22 mm cable OD, with splice trays, splice protectors and mounting brackets included
CEFO-G2T1-xxx-PCS-STD	CEFO G2 Optical Closure, 12-144 F, heat-shrinkable sealing, up to 22 mm cable OD, with splice trays, splice protectors and mounting brackets included
2178-S-2172	Fiber Optic Splice Case 2178-S, 96 single-fusion/288 mass fusion capacity
2178-LS/4-LUG	Fiber Optic Splice Case 2178-LS, 288 single fusion/864 mass fusion capacity with four cable entry kits and four ground lugs

Fan-Out Kits	
FAN-BT25-06	Buffer Tube Fan-Out Kit, indoor, 6 F, 25-in legs, for use in temperature-controlled environments only
FAN-BT25-12	Buffer Tube Fan-Out Kit, indoor, 12 F, 25-in legs, for use in temperature-controlled environments only
FAN-OD25-06	Buffer Tube Fan-Out Kit, outdoor, 6 F, 25-in legs, for use in all applications
FAN-OD25-12	Buffer Tube Fan-Out Kit, outdoor, 12 F, 25-in legs, for use in all applications

Accessories for 2178 Closures	
2181-LS	Cable Addition Kit for fiber optic splice case 2178-LS series
2543-D-288RF Tray	Fiber Optic Splice Tray, 288 ribbon fiber capacity
2534-D-96SF tray	Fiber Optic Splice Tray, 96 single fusion capacity

Consumables	
FCC-WIPES	Fiber Optic Wipes
FCC-CLEANER-FIBER	Fiber Optic Cleaning Fluid
CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and keyed LC
CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC and ST compatible
2806031-01	Heat-Shrink Fusion Splice Protectors, single-fiber, 60 mm long, Qty 50

Test Equipment	
CHECKPOINT PRO	Fiber Traffic Identifier with indicator
VFL-350	Visual Fault Locator, 2.5 mm ferrule adapter

OM3 50 µm
Multimode Fiber

OM3 (50 µm Multimode Fiber)

Cables

Indoor Cable			
MIC® Cable (Non-Armored)		MIC DX Armored Cable (Nonmetallic)	
Riser	Plenum	Plenum	
006T81-31180-24	006T88-31180-29	006T88-31180-D3	
012T81-33180-24	012T88-33180-29	012T88-33180-D3	
024T81-33180-24	024T88-33180-29	024T88-33180-D3	
MIC Interlocking Armored Cable (Metallic)		2.0 mm Zipcord Cable	
Riser	Plenum	Riser	Plenum
006T81-31180-A1	006T88-31180-A3	002T51-31380-24	002T58-31380-24
012T81-33180-A1	012T88-33180-A3		
024T81-33180-A1	024T88-33180-A3		

Indoor/Outdoor Cable			
FREEDM® One Cable		FREEDM LST™ Cable	
Riser	Plenum	Riser	Plenum
024T8F-31180-29	024T8P-31180-29	006TSF-T4180D20	006TSP-T4180D20
048T8F-61180-29	048T8P-61180-29	012TSF-T4180D20	012TSP-T4180D20
072T8F-T3180-29	072T8P-T3180-29	024TSF-T4180D20	
096T8F-Y3180-29	096T8P-Y3180-29		
144T8F-Y3180-29	144T8P-Y3180-29		
FREEDM Loose Tube Cable			
Riser		Plenum	
024TUF-T4180D20		024TWP-T4180D20	
048TUF-T4180D20		048TWP-T4180D20	
072TUF-T4180D20		072TWP-T4180D20	

Outdoor Cable	
ALTOS® Cable with FastAccess® Technology	ALTOS Lite Armored
OSP	012TUC-T4180D20
024TU4-T4780D20	024TUC-T4180D20
048TU4-T4780D20	048TUC-T4180D20
072TU4-T4780D20	072TUC-T4180D20
096TU4-T4780D20	
144TU4-T4780D20	

Panels/Cassettes

Standard Panels			
Fiber Count	LC	SC Duplex	ST® Compatible
6	CCH-CP06-E4	CCH-CP06-E7	CCH-CP06-H3
12	CCH-CP12-E4	CCH-CP12-E7	CCH-CP12-H3
24	CCH-CP24-E4		

Pigtailed Cassettes*			
Fiber Count	LC	SC Duplex	ST Compatible
6	Available†	Available†	Available†
12	CCH-CS12-E4-P00TE	Available†	Available†
24	CCH-CS24-E4-P00TE		

**Pigtailed cassettes for CCH, SCH, and WCH hardware. †Available with lead time. Refer to LAN-1129-EN.*

OM3 (50 µm Multimode Fiber)

Hardware

Wall-Mountable Hardware	
SCH-01C	Single-Cassette Housing, holds one CCH cassette
SPH-01P	Single-Panel Housing, holds one CCH connector panel
WCH-02P	Wall-Mountable Connector Housing, holds two CCH connector panels or cassettes
WCH-04P	Wall-Mountable Connector Housing, holds four CCH connector panels or cassettes
WCH-06P	Wall-Mountable Connector Housing, holds six CCH connector panels or cassettes
EDC-02P-NH*	Environmental Distribution Center, holds two CCH connector panels, NEMA 4X
EDC-06P-NH*	Environmental Distribution Center, holds six CCH connector panels, NEMA 4X
EDC-12P-NH*	Environmental Distribution Center, holds 12 CCH connector panels, NEMA 4X
ICH-02P	Industrial Connector Housing, holds two CCH connector panels, NEMA 3S
ICH-06P	Industrial Connector Housing, holds six CCH connector panels, NEMA 3S
ICH-12P	Industrial Connector Housing, holds 12 CCH connector panels, NEMA 3S

**EDC also available for order in stainless steel.*

Rack-Mountable Hardware	
CCH-01U	Closet Connector Housing, 1U, accepts up to two CCH panels or cassettes
CCH-02U	Closet Connector Housing, 2U, accepts up to four CCH panels or cassettes
CCH-03U	Closet Connector Housing, 3U, accepts up to six CCH panels or cassettes
CCH-04U	Closet Connector Housing, 4U, accepts up to 12 CCH panels or cassettes

Hardware Accessories	
SPH-DIN-KIT	DIN Rail Mounting Kit for SPH
ICH-SPLC-2	Splice Tray Holder for ICH-02P
ICH-SPLC-6	Splice Tray Holder for ICH-06P
CCHA-LOCK-KIT	Hardware Lock Kit for CCH and WCH housings only
HDWR-LOCK-KIT	Hardware Lock Kit for LANscape® hardware (not CCH or WCH)
HDWR-GRND-KIT	Hardware Grounding Kit for LANscape hardware

Cassettes/Splice Trays	
CCH-CS	Splice Cassette, holds one CCH connector panel and up to 24 heat-shrink fusion splices
CCH-CF	Termination Cassette, holds one CCH connector panel and up to 24 field terminations
M67-048	Splice Tray, holds 12 heat-shrink fusion splices, for LANscape splice closures
M67-076	Splice Tray, holds 12 heat-shrink fusion splices, for LANscape rack-mountable housings
M67-110	Splice Tray, holds 12 heat-shrink fusion splices, for LANscape wall-mountable housings

Connectors

Termination	Performance	LC	SC	ST® Compatible
UniCam® Connectors	High Performance (0.5 dB maximum)	95-050-99-X*	95-050-41-X*	95-050-51-X*
Anaerobic Connectors	Standard Performance	95-051-98-SP-X	95-051-41-SP-X	95-051-52-SP-X

**Add "-Z" to UniCam connector part number for 25/pack organizer pack (i.e. 95-050-99-Z). Includes boots for 900 µm only.*

Toolkits

Toolkits	
UniCam™ High-Performance Toolkit 2	TKT-UNICAM-PFC2
UniCam High-Performance Toolkit	TKT-UNICAM-PFC
UniCam Standard-Performance Toolkit	TKT-UNICAM
Anaerobic Toolkit	TKT-ANAEROBIC2
Anaerobic Consumables	TKT-ANAEROBIC2-C

OM3 (50 µm Multimode Fiber)

Additional Products

2-Fiber Jumpers, Riser (3 m length)	
050502T5120003M	LC Duplex to LC Duplex
575702T5120003M	SC Duplex to SC Duplex
505002T5120003M	ST® Compatible to ST Compatible
055702T5120003M	LC Duplex to SC Duplex
505702T5120003M	ST Compatible to SC Duplex

Splice Closures	
CEFO-TCT2-xxx-PCS-STD	CEFO TC Optical Closure, 12-72 F, mechanical sealing, up to 22 mm cable OD, with splice trays, splice protectors and mounting brackets included
CEFO-G2T1-xxx-PCS-STD	CEFO G2 Optical Closure, 12-144 F, heat-shrinkable sealing, up to 22 mm cable OD, with splice trays, splice protectors and mounting brackets included
2178-S-2172	Fiber Optic Splice Case 2178-S, 96 single fusion/288 mass fusion capacity
2178-LS/4-LUG	Fiber Optic Splice Case 2178-LS, 288 single fusion/864 mass fusion capacity with four cable entry kits and four ground lugs

Fan-Out Kits	
FAN-BT25-06	Buffer Tube Fan-Out Kit, indoor, 6 F, 25-in legs, for use in temperature-controlled environments only
FAN-BT25-12	Buffer Tube Fan-Out Kit, indoor, 12 F, 25-in legs, for use in temperature-controlled environments only
FAN-OD25-06	Buffer Tube Fan-Out Kit, outdoor, 6 F, 25-in legs, for use in all applications
FAN-OD25-12	Buffer Tube Fan-Out Kit, outdoor, 12 F, 25-in legs, for use in all applications

Accessories for 2178 Closures	
2181-LS	Cable Addition Kit for fiber optic splice case 2178-LS series
2543-D-288RF Tray	Fiber Optic Splice Tray, 288 ribbon fiber capacity
2534-D-96SF Tray	Fiber Optic Splice Tray, 96 single fusion capacity

Consumables	
FCC-WIPES	Fiber Optic Wipes
FCC-CLEANER-FIBER	Fiber Optic Cleaning Fluid
CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and keyed LC
CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC and ST compatible
2806031-01	Heat-Shrink Fusion Splice Protectors, single-fiber, 60 mm long, Qty 50

Test Equipment	
CHECKPOINT PRO BIF	CheckPoint Pro for bend-insensitive, multimode, and single-mode fibers
VFL-350	Visual Fault Locator, 2.5 mm adapter

OM4 (50 µm Multimode Fiber)

Cables

Indoor Cable			
MIC® Cable (Non-Armored)		MIC DX Armored Cable (Nonmetallic)	
Riser	Plenum	Plenum	
006T81-31190-24	006T88-31190-29	006T88-31190-D3	
012T81-33190-24	012T88-33190-29	012T88-33190-D3	
024T81-33190-24	024T88-33190-29	024T88-33190-D3	
MIC Interlocking Armored Cable (Metallic)		2.0 mm Zipcord Cable	
Riser	Plenum	Riser	Plenum
006T81-31190-A1	006T88-31190-A3	002T51-31390-24	002T58-31390-24
012T81-33190-A1	012T88-33190-A3		
024T81-33190-A1	024T88-33190-A3		

Indoor/Outdoor Cable			
FREEDM® One Cable		FREEDM LST™ Cable	
Riser	Plenum	Riser	Plenum
024T8F-31190-29	024T8P-31190-29	006TSF-T4190D20	006TSP-T4190D20
048T8F-61190-29	048T8P-61190-29	012TSF-T4190D20	012TSP-T4190D20
072T8F-T3190-29	072T8P-T3190-29	024TSF-T4190D20	
096T8F-Y3190-29	096T8P-Y3190-29		
144T8F-Y3190-29	144T8P-Y3190-29		
FREEDM Loose Tube Cable			
Riser		Plenum	
024TUF-T4190D20		024TWP-T4190D20	
048TUF-T4190D20		048TWP-T4190D20	
072TUF-T4190D20		072TWP-T4190D20	

Outdoor Cable	
ALTOS® Cable with FastAccess® Technology	ALTOS Lite Armored
OSP	012TUC-T4190D20
024TU4-T4790D20	024TUC-T4190D20
048TU4-T4790D20	048TUC-T4190D20
072TU4-T4790D20	072TUC-T4190D20
096TU4-T470D20	
144TU4-T470D20	

Panels/Cassettes

Standard Panels			
Fiber Count	LC	SC Duplex	ST® Compatible
6	CCH-CP06-E4	CCH-CP06-E7	CCH-CP06-H3
12	CCH-CP12-E4	CCH-CP12-E7	CCH-CP12-H3
24	CCH-CP24-E4		

Pigtailed Cassettes*			
Fiber Count	LC	SC Duplex	ST Compatible
6	Available†	Available†	Available†
12	CCH-CS12-E4-P00QE	Available†	Available†
24	CCH-CS24-E4-P00QE		

**Pigtailed cassettes for CCH, SCH, and WCH hardware. †Available with lead time. Refer to LAN-1129-EN.*

OM4 (50 µm Multimode Fiber)

Hardware

Wall-Mountable Hardware	
SCH-01C	Single-Cassette Housing, holds one CCH cassette
SPH-01P	Single-Panel Housing, holds one CCH connector panel
WCH-02P	Wall-Mountable Connector Housing, holds two CCH connector panels or cassettes
WCH-04P	Wall-Mountable Connector Housing, holds four CCH connector panels or cassettes
WCH-06P	Wall-Mountable Connector Housing, holds six CCH connector panels or cassettes
EDC-02P-NH*	Environmental Distribution Center, holds two CCH connector panels, NEMA 4X
EDC-06P-NH*	Environmental Distribution Center, holds six CCH connector panels, NEMA 4X
EDC-12P-NH*	Environmental Distribution Center, holds 12 CCH connector panels, NEMA 4X
ICH-02P	Industrial Connector Housing, holds two CCH connector panels, NEMA 3S
ICH-06P	Industrial Connector Housing, holds six CCH connector panels, NEMA 3S
ICH-12P	Industrial Connector Housing, holds 12 CCH connector panels, NEMA 3S

**EDC also available for order in stainless steel.*

Rack-Mountable Hardware	
CCH-01U	Closet Connector Housing, 1U, accepts up to two CCH panels or cassettes
CCH-02U	Closet Connector Housing, 2U, accepts up to four CCH panels or cassettes
CCH-03U	Closet Connector Housing, 3U, accepts up to six CCH panels or cassettes
CCH-04U	Closet Connector Housing, 4U, accepts up to 12 CCH panels or cassettes

Hardware Accessories	
SPH-DIN-KIT	DIN Rail Mounting Kit for SPH
ICH-SPLC-2	Splice Tray Holder for ICH-02P
ICH-SPLC-6	Splice Tray Holder for ICH-06P
CCHA-LOCK-KIT	Hardware Lock Kit for CCH and WCH housings only
HDWR-LOCK-KIT	Hardware Lock Kit for LANscape® hardware (not CCH or WCH)
HDWR-GRND-KIT	Hardware Grounding Kit for LANscape hardware

Cassettes/Splice Trays	
CCH-CS	Splice Cassette, holds one CCH connector panel and up to 24 heat-shrink fusion splices
CCH-CF	Termination Cassette, holds one CCH connector panel and up to 24 field terminations
M67-048	Splice Tray, holds 12 heat-shrink fusion splices, for LANscape splice closures
M67-076	Splice Tray, holds 12 heat-shrink fusion splices, for LANscape rack-mountable housings
M67-110	Splice Tray, holds 12 heat-shrink fusion splices, for LANscape wall-mountable housings

Connectors

Termination	Performance	LC	SC	ST® Compatible
UniCam® Connectors	High Performance (0.5 dB maximum)	95-050-99-X*	95-050-41-X*	95-050-51-X*
Anaerobic Connectors	Standard Performance	95-051-98-SP-X	95-051-41-SP-X	95-051-52-SP-X

**Add "-Z" to UniCam connector part number for 25/pack organizer pack (i.e. 95-050-99-Z). Includes boots for 900 µm only.*

Toolkits

Toolkits	
UniCam™ High-Performance Toolkit 2	TKT-UNICAM-PFC2
UniCam High-Performance Toolkit	TKT-UNICAM-PFC
UniCam Standard-Performance Toolkit	TKT-UNICAM
Anaerobic Toolkit	TKT-ANAEROBIC2
Anaerobic Consumables	TKT-ANAEROBIC2-C

OM4 (50 µm Multimode Fiber)

Additional Products

2-Fiber Jumpers, Riser (3 m length)	
050502Q5120003M	LC Duplex to LC Duplex
575702Q5120003M	SC Duplex to SC Duplex
505002Q5120003M	ST® Compatible to ST Compatible
055702Q5120003M	LC Duplex to SC Duplex
505702Q5120003M	ST Compatible to SC Duplex

Splice Closures	
CEFO-TCT2-xxx-PCS-STD	CEFO TC Optical Closure, 12-72 F, mechanical sealing, up to 22 mm cable OD, with splice trays, splice protectors and mounting brackets included
CEFO-G2T1-xxx-PCS-STD	CEFO G2 Optical Closure, 12-144 F, heat-shrinkable sealing, up to 22 mm cable OD, with splice trays, splice protectors and mounting brackets included
2178-S-2172	Fiber Optic Splice Case 2178-S, 96 single-fusion/288 mass-fusion capacity
2178-LS/4-LUG	Fiber Optic Splice Case 2178-LS, 288 single-fusion/864 mass-fusion capacity with 4 cable entry kits and 4 ground lugs

Fan-Out Kits	
FAN-BT25-06	Buffer Tube Fan-Out Kit, indoor, 6 F, 25-in legs, for use in temperature-controlled environments only
FAN-BT25-12	Buffer Tube Fan-Out Kit, indoor, 12 F, 25-in legs, for use in temperature-controlled environments only
FAN-OD25-06	Buffer Tube Fan-Out Kit, outdoor, 6 F, 25-in legs, for use in all applications
FAN-OD25-12	Buffer Tube Fan-Out Kit, outdoor, 12 F, 25-in legs, for use in all applications

Accessories for 2178 Closures	
2181-LS	Cable Addition Kit for fiber optic splice case 2178-LS series
2543-D-288RF Tray	Fiber Optic Splice Tray, 288 ribbon fiber capacity
2534-D-96SF tray	Fiber Optic Splice Tray, 96 single fusion capacity

Consumables	
FCC-WIPES	Fiber Optic Wipes
FCC-CLEANER-FIBER	Fiber Optic Cleaning Fluid
CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and keyed LC
CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC and ST compatible
2806031-01	Heat-Shrink Fusion Splice Protectors, single-fiber, 60 mm long, Qty 50

Test Equipment	
CHECKPOINT PRO BIF	CheckPoint Pro for bend-insensitive, multimode, and single-mode fibers
VFL-350	Visual Fault Locator, 2.5 mm adapter

OS2 (Single-Mode Fiber)

Cables

Indoor Cable						
MIC® Cable (Non-Armored)		MIC DX Armored Cable (Nonmetallic)	MIC Interlocking Armored Cable (Metallic)		2.0 mm Zipcord Cable	
Riser	Plenum	Plenum	Riser	Plenum	Riser	Plenum
006E81-31131-24	006E88-31131-29	006E88-31131-D3	006E81-31131-A1	006E88-31131-A3	002E51-31331-24	002E58-31331-24
012E81-33131-24	012E88-33131-29	012E88-33131-D3	012E81-33131-A1	012E88-33131-A3		
024E81-33131-24	024E88-33131-29	024E88-33131-D3	024E81-33131-A1	024E88-33131-A3		

Indoor/Outdoor Cable					
FREEDM® One Cable		FREEDM LST™ Cable		FREEDM Loose Tube Cable	
Riser	Plenum	Riser	Plenum	Riser	Plenum
024E8F-31131-29	024E8P-31131-29	006ESF-T4101D20	006ESP-T4101D20	024EUF-T4101D20	024EWP-T4101D20
048E8F-61131-29	048E8P-61131-29	012ESF-T4101D20	012ESP-T4101D20	048EUF-T4101D20	048EWP-T4101D20
072E8F-T3131-29	072E8P-T3131-29	024ESF-T4101D20		072EUF-T4101D20	072EWP-T4101D20
096E8F-Y3131-29	096E8P-Y3131-29				
144E8F-Y3131-29	144E8P-Y3131-29				

Outdoor Cable		
ALTOS® Cable with Binderless* FastAccess® Technology	ALTOS Lite Armored	ALTOS Lite with FastAccess Technology
012ZU4-T4F22D20†	012EUC-T4101D20†	012ZUC-T4F22D20†
024ZU4-T4F22D20†	024EUC-T4101D20†	024ZUC-T4F22D20†
048ZU4-T4F22D20†	048EUC-T4101D20†	048ZUC-T4F22D20†
072ZU4-T4F22D20†	072EUC-T4101D20†	072ZUC-T4F22D20†

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

†Contain only Corning® SMF-28® Ultra fiber.

Panels/Cassettes

Standard Panels			
Fiber Count	LC	SC Duplex	ST® Compatible
6	CCH-CP06-A9	CCH-CP06-59	CCH-CP06-19T
12	CCH-CP12-A9	CCH-CP12-59	CCH-CP12-19T
24	CCH-CP24-A9		

Pigtailed Cassettes*			
Fiber Count	LC	SC Duplex	ST Compatible
6	Available†	Available†	Available†
12	CCH-CS12-A9-P00RE	CCH-CS12-59-P00RE	CCH-CS12-6T-P00RE
24	CCH-CS24-A9-P00RE		

**Pigtailed cassettes for CCH, SCH, and WCH hardware. †Available with lead time. Refer to LAN-1129-EN.*

Hardware

Rack-Mountable Hardware	
CCH-01U	Closet Connector Housing, 1U, accepts up to two CCH panels or cassettes
CCH-02U	Closet Connector Housing, 2U, accepts up to four CCH panels or cassettes
CCH-03U	Closet Connector Housing, 3U, accepts up to six CCH panels or cassettes
CCH-04U	Closet Connector Housing, 4U, accepts up to 12 CCH panels or cassettes

Connectors

Termination	Performance	LC	SC	ST Compatible
UniCam® Connectors UPC	High Performance (0.5 dB maximum)	95-200-99*	95-200-41*	95-200-51*
UniCam Connectors APC	High Performance (0.75 dB maximum)	95-200-94*	95-200-44*	
Anaerobic Connectors	Standard Performance	95-201-98-SP	95-201-41-SP	95-201-52-SP

**Add "-Z" to UniCam connector part number for 25/pack organizer pack (i.e. 95-050-99-Z). Includes boots for 900 µm only.*

Toolkits

Toolkits	
UniCam™ High-Performance Toolkit 2	TKT-UNICAM-PFC2
UniCam High-Performance Toolkit	TKT-UNICAM-PFC
UniCam Standard-Performance Toolkit	TKT-UNICAM
Anaerobic Toolkit	TKT-ANAEROBIC2
Anaerobic Consumables	TKT-ANAEROBIC2-C

OS2 (Single-Mode Fiber)

Hardware

Wall-Mountable Hardware	
SCH-01C	Single-Cassette Housing, holds one CCH cassette
SPH-01P	Single-Panel Housing, holds one CCH connector panel
WCH-02P	Wall-Mountable Connector Housing, holds two CCH connector panels or cassettes
WCH-04P	Wall-Mountable Connector Housing, holds four CCH connector panels or cassettes
WCH-06P	Wall-Mountable Connector Housing, holds six CCH connector panels or cassettes
EDC-02P-NH*	Environmental Distribution Center, holds two CCH connector panels, NEMA 4X
EDC-06P-NH*	Environmental Distribution Center, holds six CCH connector panels, NEMA 4X
EDC-12P-NH*	Environmental Distribution Center, holds 12 CCH connector panels, NEMA 4X
ICH-02P	Industrial Connector Housing, holds two CCH connector panels, NEMA 3S
ICH-06P	Industrial Connector Housing, holds six CCH connector panels, NEMA 3S
ICH-12P	Industrial Connector Housing, holds 12 CCH connector panels, NEMA 3S

**EDC also available for order in stainless steel.*

Hardware Accessories	
SPH-DIN-KIT	DIN Rail Mounting Kit for SPH
ICH-SPLC-2	Splice Tray Holder for ICH-02P
ICH-SPLC-6	Splice Tray Holder for ICH-06P
CCHA-LOCK-KIT	Hardware Lock Kit for CCH and WCH housings only
HDWR-LOCK-KIT	Hardware Lock Kit for LANscape® hardware (not CCH or WCH)
HDWR-GRND-KIT	Hardware Grounding Kit for LANscape hardware

Cassettes/Splice Trays	
CCH-CS	Splice Cassette, holds one CCH connector panel and up to 24 heat-shrink fusion splices
CCH-CF	Termination Cassette, holds one CCH connector panel and up to 24 field terminations
M67-048	Splice Tray, holds 12 heat-shrink fusion splices, for LANscape splice closures
M67-076	Splice Tray, holds 12 heat-shrink fusion splices, for LANscape rack-mountable housings
M67-110	Splice Tray, holds 12 heat-shrink fusion splices, for LANscape wall-mountable housings

Additional Products

2-Fiber Jumpers, Riser (3 m length)	
040402G5120003M	LC Duplex to LC Duplex
727202G5120003M	SC Duplex to SC Duplex
616102G5120003M	ST® Compatible to ST Compatible
047202G5120003M	LC Duplex to SC Duplex
617202G5120003M	ST Compatible to SC Duplex

Splice Closures	
CEFO-TCT2-xxx-PCS-STD	CEFO TC Optical Closure, 12-72 F, mechanical sealing, up to 22 mm cable OD, with splice trays, splice protectors and mounting brackets included
CEFO-G2T1-xxx-PCS-STD	CEFO G2 Optical Closure, 12-144 F, heat-shrinkable sealing, up to 22 mm cable OD, with splice trays, splice protectors and mounting brackets included
2178-S-2172	Fiber Optic Splice Case 2178-S, 96 single fusion/ 288 mass fusion capacity
2178-LS/4-LUG	Fiber Optic Splice Case 2178-LS, 288 single fusion/ 864 mass fusion capacity with four cable entry kits and four ground lugs

Fan-Out Kits	
FAN-BT25-06	Buffer Tube Fan-Out Kit, indoor, six fibers, 25-in legs, for use in temperature-controlled environments only
FAN-BT25-12	Buffer Tube Fan-Out Kit, indoor, 12 fibers, 25-in legs, for use in temperature-controlled environments only
FAN-OD25-06	Buffer Tube Fan-Out Kit, outdoor, six fibers, 25-in legs, for use in all applications
FAN-OD25-12	Buffer Tube Fan-Out Kit, outdoor, 12 fibers, 25-in legs, for use in all applications

Accessories for 2178 Closures	
2181-LS	Cable Addition Kit for fiber optic splice case 2178-LS series
2543-D-288RF Tray	Fiber Optic Splice Tray, 288 ribbon fiber capacity
2534-D-96SF tray	Fiber Optic Splice Tray, 96 single fusion capacity

Consumables	
FCC-WIPES	Fiber Optic Wipes
FCC-CLEANER-FIBER	Fiber Optic Cleaning Fluid
CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and keyed LC
CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC and ST compatible
2806031-01	Heat-Shrink Fusion Splice Protectors, single-fiber, 60 mm long, Qty 50

Test Equipment	
CHECKPOINT PRO	Fiber Traffic Identifier with indicator
VFL-350	Visual Fault Locator, 2.5 mm adapter

Data Centers

Transmission Performance/Insertion Loss

EDGE™ Solutions: OM3
50 µm multimode fiber

EDGE Solutions: OM4
50 µm multimode fiber

EDGE Solutions: OS2
Single-mode fiber

EDGE8® Solutions: OM4
50 µm multimode fiber

EDGE8 Solutions: OS2
Single-mode fiber

The optical infrastructure in today's data center must deliver a competitive advantage, an immediate lower cost of ownership, and an evolution path to support next-generation applications. Corning can help.

Our solutions enable high-density, cost-effective 10G deployments and the simplest migration to 40, 100, and even 400G.

To learn more, visit us at **corning.com/data-center**

Transmission Performance/Insertion Loss

	OM3/OM4	OM5	OS2
Optical Fiber Type	50 µm Multimode	50 µm Multimode	Single-Mode
Wavelength (nm)	850	850	1310/1550
Maximum Attenuation (dB/km)	2.8	2.8	0.4/0.3
Minimum Effective Modal Bandwidth (MHz•km)	2000/4700	2000/4700	– / –

Maximum Insertion Loss (dB)	OM3/OM4	OM5	OS2
Connected Mated Pairs LC	0.10	0.10	0.25
MTP® Connector	0.25	0.25	0.35
EDGE™ Modules/Harnesses	0.5	0.5	1.0
EDGE8® Modules/Harnesses*	0.35	0.35	0.60

**Note: EDGE products are also available in ULL.*

Ethernet Data Rate	Nomenclature	Fiber Type	Maximum Link Length (m)
1G	1000BASE-SX	OM3	1000
10G	10GBASE-SR	OM3/OM4/OM5	300/400/400
40G	40GBASE-SR4	OM3/OM4/OM5	100/150*/150*
100G	100GBASE-SR10	OM3/OM4/OM5	100/150/150
100G	100GBASE-SR4	OM3/OM4/OM5	100/150/150

Fibre Channel Data Rate	Nomenclature	Fiber Type	Maximum Link Length (m)
4 Gb/s	400-M5E-SN-I 400-M5F-SN-I	OM3/OM4/OM5	380/400/400
8 Gb/s	800-M5E-SN-I 800-M5F-SN-I	OM3/OM4/OM5	150/190/190
16 Gb/s	1600-M5E-SN-I 1600-M5F-SN-I	OM3/OM4/OM5	100/125/125
32 Gb/s	3200-M5E-SN-S 3200-M5F-SN-I	OM3/OM4/OM5	70/100/100
128 Gb/s	128GFC-SW4	OM3/OM4/OM5	70*/100*/100*

**Assumes connector-loss budget of 1 dB.*

For more information about OM5 deployments, visit corning.com/wide-band-multimode

OM3 50 µm Multimode Fiber
EDGE™ Solutions

EDGE™ Solutions: OM3 (50 µm Multimode Fiber)

Trunks

Non-Armored Plenum Trunks, 33-in Leg Length, Non-Pinned MTP® to Non-Pinned MTP, Pulling Grip One Side	
Fiber Count	Catalog Part Number
12	G757512TPNDDUxxxM
24	G757524TPNDDUxxxM
48	G757548TPNDDUxxxM
72	G757572TPNDDUxxxM
96	G757596TPNDDUxxxM
144	G7575E4TPNDDUxxxM
192	G7575K2TPNDDUxxxM
288	G7575U8TPNDDUxxxM
432	G7575AKTPNDDUxxxM
576	G7575AZTPNDDUxxxM

Notes:
- *xxx = cable length of 001-999 m.*
- *1 m increments measured from furcation plug to furcation plug.*
- *Lengths beyond 999 m available.*

Harnesses

Harnesses – Pinned	
H937912TPH-1AxxxM	EDGE™ MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM3), MTP PRO (pinned) to LC duplex uniboot, type-A polarity, type 1 stagger , xxx m
H937912TPH-2AxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM3), MTP PRO (pinned) to LC duplex uniboot, type-A polarity, type 2 stagger, xxx m
H937912TPH-3AxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM3), MTP PRO (pinned) to LC duplex uniboot, type-A polarity, type 3 stagger, xxx m
H937912TPH-4AxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM3), MTP PRO (pinned) to LC duplex uniboot, type-A polarity, type 4 stagger, xxx m
H937912TPH-5AxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM3), MTP PRO (pinned) to LC duplex uniboot, type-A polarity, type 5 stagger, xxx m

Harnesses – Non-Pinned	
H757912TPH-1BxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM3), MTP PRO (non-pinned) to LC duplex uniboot, type-B polarity, type 1 stagger, xxx m
H757912TPH-2BxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM3), MTP PRO (non-pinned) to LC duplex uniboot, type-B polarity, type 2 stagger, xxx m
H757912TPH-3BxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM3), MTP PRO (non-pinned) to LC duplex uniboot, type-B polarity, type 3 stagger, xxx m
H757912TPH-4BxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM3), MTP PRO (non-pinned) to LC duplex uniboot, type-B polarity, type 4 stagger, xxx m
H757912TPH-5BxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM3), MTP PRO (non-pinned) to LC duplex uniboot, type-B polarity, type 5 stagger, xxx m

Notes:
- *For stagger selection, reference applications engineering note AEN157.*
- *xxx = harness length up to 5 m.*

Panels/Modules

Panels	
EDGE-CP24-E3	24-Fiber MTP Adapter Panel
EDGE-CP48-E3	48-Fiber MTP Adapter Panel
EDGE-CP72-U3	72-Fiber MTP Adapter Panel

Modules	
ECM-UM12-05-93T	12-Fiber LC Duplex to Pinned MTP

Tap Modules	
ETM-5A-Q	EDGE Tap Module, type-A (LC to LC), OM4, 50/50 split ratio
ETM-5B-Q	EDGE Tap Module, type-B (MTP to LC), OM4, 50/50 split ratio
ETM-5C-Q	EDGE Tap Module, type-C (MTP to MTP), OM4, 50/50 split ratio
ETM-7A-Q	EDGE Tap Module, type-A (LC to LC), OM4, 70/30 split ratio
ETM-7B-Q	EDGE Tap Module, type-B (MTP to LC), OM4, 70/30 split ratio
ETM-7C-Q	EDGE Tap Module, type-C (MTP to MTP), OM4, 70/30 split ratio

EDGE™ Solutions: OM3 (50 µm Multimode Fiber)

Hardware

Rack-Mountable Hardware	
EDGE-01U	EDGE™ HD Housing, 1U, holds eight modules or panels
EDGE-01U-SP	EDGE HD Housing, 1U, holds 12 modules or panels
EDGE-02U	EDGE HD Housing, 2U, holds 24 modules or panels
EDGE-04U	EDGE HD Housing, 4U, holds 48 modules or panels

Rack-Less Brackets	
EDGE-BKT-WT-2RU	EDGE Housing Mounting Bracket for wire tray, 2U
EDGE-BKT-WT-4RU	EDGE Housing Mounting Bracket for wire tray, 4U
EDGE-BKT-LR-2RU	EDGE Housing Mounting Bracket for ladder rack, 2U
EDGE-BKT-LR-4RU	EDGE Housing Mounting Bracket for ladder rack, 4U

Jumpers

OM3 Jumpers	
797902TD120001M	Reverse Polarity LC Uniboot Jumper, 1 m
797902TD120002M	Reverse Polarity LC Uniboot Jumper, 2 m
797902TD120003M	Reverse Polarity LC Uniboot Jumper, 3 m

Jumper in a Box	
7979-OM3-B70-01M	Reverse Polarity LC Uniboots, 1 m, Qty 70
7979-OM3-B70-02M	Reverse Polarity LC Uniboots, 2 m, Qty 70
7979-OM3-B70-03M	Reverse Polarity LC Uniboots, 3 m, Qty 70

Non-Pinned MTP® PRO to Non-Pinned MTP PRO Jumpers	
J757512TE8-NAxxxM	Type-A Jumper, xxx m
J757512TE8-NBxxxM	Type-B Jumper, xxx m

Non-Pinned MTP PRO to Pinned MTP PRO Jumpers	
J759312TE8-NAxxxM	Type-A Jumper, xxx m
J759312TE8-NBxxxM	Type-B Jumper, xxx m

Pinned MTP PRO to Pinned MTP PRO Jumpers	
J939312TE8-NAxxxM	Type-A Jumper, xxx m
J939312TE8-NBxxxM	Type-B Jumper, xxx m

Notes:
- *xxx = jumper length.*
- *For parallel optics and port breakout applications' pinning and polarity, please reference applications engineering notes AEN151 and AEN152.*

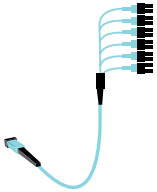
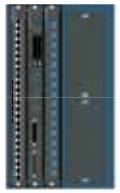
Additional Products

Consumables	
2104466-01	MTP® Connector and Adapter Cleaner
CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC
CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and keyed LC

Test Equipment	
CHECKPOINT PRO BIF	CheckPoint Pro for bend-insensitive, multimode, and single-mode fibers
VFL-350	Visual Fault Locator, 2.5 mm adapter

MTP PRO Products	
MTPPRO-TOOL	Field Tool to perform pinning and polarity changes of MTP PRO connectors
MTPPRO-PEX-MME-NOPINS	MTP PRO Pin Exchanger Kit, multimode MTP Elite, empty (without pins)
MTPPRO-PEX-MME-PINS	MTP PRO Pin Exchanger Kit, multimode MTP Elite, loaded (with pins)

EDGE Solutions Fiber Optic Link

Switch	EDGE Jumper	EDGE Module	EDGE 4U Housing	EDGE Trunk	EDGE 2U Housing	EDGE MTP Adapter Panel	EDGE Harness	Switch
								

OM4 50 µm Multimode Fiber
EDGE™ Solutions

EDGE™ Solutions: OM4 (50 µm Multimode Fiber)

Trunks

Non-Armored Plenum Trunks, 33-in Leg Length, Non-Pinned MTP® to Non-Pinned MTP, Pulling Grip One Side	
Fiber Count	Catalog Part Number
12	G757512QPNDDUxxxM
24	G757524QPNDDUxxxM
48	G757548QPNDDUxxxM
72	G757572QPNDDUxxxM
96	G757596QPNDDUxxxM
144	G7575E4QPNDDUxxxM
192	G7575K2QPNDDUxxxM
288	G7575U8QPNDDUxxxM
432	G7575AKQPNDDUxxxM
576	G7575AZQPNDDUxxxM

Notes:
- *xxx = cable length of 001-999 m.*
- *1-m increments measured from furcation plug to furcation plug.*
- *Lengths beyond 999 m available.*

Harnesses

Harnesses – Pinned	
H937912QPH-1AxxxM	EDGE™ MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM4), MTP PRO (pinned) to LC duplex uniboot, type-A polarity, type 1 stagger, xxx m
H937912QPH-2AxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM4), MTP PRO (pinned) to LC duplex uniboot, type-A polarity, type 2 stagger, xxx m
H937912QPH-3AxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM4), MTP PRO (pinned) to LC duplex uniboot, type-A polarity, type 3 stagger, xxx m
H937912QPH-4AxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM4), MTP PRO (pinned) to LC duplex uniboot, type-A polarity, type 4 stagger, xxx m
H937912QPH-5AxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM4), MTP PRO (pinned) to LC duplex uniboot, type-A polarity, type 5 stagger, xxx m

Harnesses – Non-Pinned	
H757912QPH-1BxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM4), MTP PRO (non-pinned) to LC duplex uniboot, type-B polarity, type 1 stagger, xxx m
H757912QPH-2BxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM4), MTP PRO (non-pinned) to LC duplex uniboot, type-B polarity, type 2 stagger, xxx m
H757912QPH-3BxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM4), MTP PRO (non-pinned) to LC duplex uniboot, type-B polarity, type 3 stagger, xxx m
H757912QPH-4BxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM4), MTP PRO (non-pinned) to LC duplex uniboot, type-B polarity, type 4 stagger, xxx m
H757912QPH-5BxxxM	EDGE MTP to LC Staggered Harness, 12 F, 50 µm multimode (OM4), MTP PRO (non-pinned) to LC duplex uniboot, type-B polarity, type 5 stagger, xxx m

Notes:
- *For stagger selection, reference applications engineering note AEN157.*
- *xxx = harness length up to 5 m.*

Panels/Modules

Panels	
EDGE-CP24-E3	24 F MTP Adapter Panel
EDGE-CP48-E3	48 F MTP Adapter Panel
EDGE-CP72-U3	72 F MTP Adapter Panel

Modules	
ECM-UM12-05-93Q	12 F LC Duplex to Pinned MTP
ECM-UM12-05-93Q-ULL	Ultra-Low-Loss 12 F LC Duplex to Pinned MTP

Tap Modules	
ETM-5A-Q	EDGE Tap Module, type-A (LC to LC), OM4, 50/50 split ratio
ETM-5B-Q	EDGE Tap Module, type-B (MTP to LC), OM4, 50/50 split ratio
ETM-5C-Q	EDGE Tap Module, type-C (MTP to MTP), OM4, 50/50 split ratio
ETM-7A-Q	EDGE Tap Module, type-A (LC to LC), OM4, 70/30 split ratio
ETM-7B-Q	EDGE Tap Module, type-B (MTP to LC), OM4, 70/30 split ratio
ETM-7C-Q	EDGE Tap Module, type-C (MTP to MTP), OM4, 70/30 split ratio

EDGE™ Solutions: OM4 (50 µm Multimode Fiber)

Hardware

Rack-Mountable Hardware	
EDGE-01U	EDGE™ HD Housing, 1U, holds eight modules or panels
EDGE-01U-SP	EDGE HD Housing, 1U, holds 12 modules or panels
EDGE-02U	EDGE HD Housing, 2U, holds 24 modules or panels
EDGE-04U	EDGE HD Housing, 4U, holds 48 modules or panels

Rack-Less Brackets	
EDGE-BKT-WT-2RU	EDGE Housing Mounting Bracket for wire tray, 2U
EDGE-BKT-WT-4RU	EDGE Housing Mounting Bracket for wire tray, 4U
EDGE-BKT-LR-2RU	EDGE Housing Mounting Bracket for ladder rack, 2U
EDGE-BKT-LR-4RU	EDGE Housing Mounting Bracket for ladder rack, 4U

Jumpers

OM4 Jumpers	
797902QD120001M	Reverse Polarity LC Uniboot Jumper, 1 m
797902QD120002M	Reverse Polarity LC Uniboot Jumper, 2 m
797902QD120003M	Reverse Polarity LC Uniboot Jumper, 3 m

Jumper in a Box	
7979-OM4-B70-01M	Reverse Polarity LC Uniboots, 1 m, Qty 70
7979-OM4-B70-02M	Reverse Polarity LC Uniboots, 2 m, Qty 70
7979-OM4-B70-03M	Reverse Polarity LC Uniboots, 3 m, Qty 70

Non-Pinned MTP® PRO to Non-Pinned MTP PRO Jumpers	
J757512QE8-NAxxxM	Type-A Jumper, xxx m
J757512QE8-NBxxxM	Type-B Jumper, xxx m

Non-Pinned MTP PRO to Pinned MTP PRO Jumpers	
J759312QE8-NAxxxM	Type-A Jumper, xxx m
J759312QE8-NBxxxM	Type-B Jumper, xxx m

Pinned MTP PRO to Pinned MTP PRO Jumpers	
J939312QE8-NAxxxM	Type-A Jumper, xxx m
J939312QE8-NBxxxM	Type-B Jumper, xxx m

Notes:
- *xxx = jumper length.*
- *For parallel optics and port breakout applications' pinning and polarity, please reference applications engineering notes AEN151 and AEN152.*

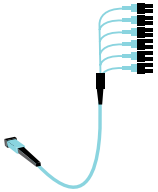
Additional Products

Consumables	
2104466-01	MTP Connector and Adapter Cleaner
CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC
CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and keyed LC

Test Equipment	
CHECKPOINT PRO BIF	CheckPoint Pro for bend-insensitive, multimode, and single-mode fibers
VFL-350	Visual Fault Locator, 2.5 mm adapter

MTP PRO Products	
MTPPRO-TOOL	Field Tool to perform pinning and polarity changes of MTP PRO connectors
MTPPRO-PEX-MME-NOPINS	MTP PRO Pin Exchanger Kit, Multimode MTP Elite, empty (without pins)
MTPPRO-PEX-MME-PINS	MTP PRO Pin Exchanger Kit, Multimode MTP Elite, loaded (with pins)

EDGE Solutions Fiber Optic Link

Switch	EDGE Jumper	EDGE Module	EDGE 4U Housing	EDGE Trunk	EDGE 2U Housing	EDGE MTP Adapter Panel	EDGE Harness	Switch
								

EDGE™ Solutions: OS2 (Single-Mode Fiber)

Trunks

Non-Armored Plenum Trunks, 33-in Leg Length, Non-Pinned MTP® to Non-Pinned MTP, Pulling Grip One Side	
Fiber Count	Catalog Part Number
12	G909012GPNDDUxxxM
24	G909024GPNDDUxxxM
48	G909048GPNDDUxxxM
72	G909072GPNDDUxxxM
96	G909096GPNDDUxxxM
144	G9090E4GPNDDUxxxM
192	G9090K2GPNDDUxxxM
288	G9090U8GPNDDUxxxM
432	G9090AKGPNDDUxxxM
576	G9090AZGPNDDUxxxM

Notes:
- *xxx = cable length of 001-999 m.*
- *1 m increments measured from furcation plug to furcation plug.*
- *Lengths beyond 999 m available.*

Harnesses

Harnesses – Pinned	
H897812GPH-1AxxxM	EDGE™ MTP to LC Staggered Harness, 12 F, single-mode (OS2), MTP PRO (pinned) to LC duplex uniboot, type-A polarity, type-1 stagger, xxx m
H897812GPH-2AxxxM	EDGE MTP to LC Staggered Harness, 12 F, single-mode (OS2), MTP PRO (pinned) to LC duplex uniboot, type-A polarity, type-2 stagger, xxx m
H897812GPH-3AxxxM	EDGE MTP to LC Staggered Harness, 12 F, single-mode (OS2), MTP PRO (pinned) to LC duplex uniboot, type-A polarity, type-3 stagger, xxx m
H897812GPH-4AxxxM	EDGE MTP to LC Staggered Harness, 12 F, single-mode (OS2), MTP PRO (pinned) to LC duplex uniboot, type-A polarity, type-4 stagger, xxx m
H897812GPH-5AxxxM	EDGE MTP to LC Staggered Harness, 12 F, single-mode (OS2), MTP PRO (pinned) to LC duplex uniboot, type-A polarity, type-5 stagger, xxx m

Harnesses – Non-Pinned	
H907812GPH-1BxxxM	EDGE MTP to LC Staggered Harness, 12 F, single-mode (OS2), MTP PRO (non-pinned) to LC duplex uniboot, type-B polarity, type-1 stagger, xxx m
H907812GPH-2BxxxM	EDGE MTP to LC Staggered Harness, 12 F, single-mode (OS2), MTP PRO (non-pinned) to LC duplex uniboot, type-B polarity, type-2 stagger, xxx m
H907812GPH-3BxxxM	EDGE MTP to LC Staggered Harness, 12 F, single-mode (OS2), MTP PRO (non-pinned) to LC duplex uniboot, type-B polarity, type-3 stagger, xxx m
H907812GPH-4BxxxM	EDGE MTP to LC Staggered Harness, 12 F, single-mode (OS2), MTP PRO (non-pinned) to LC duplex uniboot, type-B polarity, type-4 stagger, xxx m
H907812GPH-5BxxxM	EDGE MTP to LC Staggered Harness, 12 F, single-mode (OS2), MTP PRO (non-pinned) to LC duplex uniboot, type-B polarity, type-5 stagger, xxx m

Notes:
- *For stagger selection, reference applications engineering note AEN157.*
- *xxx = harness length up to 5 m.*

Panels/Modules

Panels	
EDGE-CP24-90	24 F MTP Adapter Panel
EDGE-CP48-90	48 F MTP Adapter Panel
EDGE-CP72-U1	72 F MTP Adapter Panel

Modules	
ECM-UM12-04-89G	12 F LC UPC Duplex to Pinned MTP
ECM-UM12-04-89G-ULL	Ultra-Low-Loss 12 F LC UPC Duplex to Pinned MTP

Tap Modules	
ETM-5A-G	EDGE Tap Module, type-A (LC to LC), OS2, 50/50 split ratio
ETM-5B-G	EDGE Tap Module, type-B (MTP to LC), OS2, 50/50 split ratio
ETM-5C-G	EDGE Tap Module, type-C (MTP to MTP), OS2, 50/50 split ratio
ETM-7A-G	EDGE Tap Module, type-A (LC to LC), OS2, 70/30 split ratio
ETM-7B-G	EDGE Tap Module, type-B (MTP to LC), OS2, 70/30 split ratio
ETM-7C-G	EDGE Tap Module, type-C (MTP to MTP), OS2, 70/30 split ratio

EDGE™ Solutions: OS2 (Single-Mode Fiber)

Hardware

Rack-Mountable Hardware	
EDGE-01U	EDGE™ HD Housing, 1U, holds eight modules or panels
EDGE-01U-SP	EDGE HD Housing, 1U, holds 12 modules or panels
EDGE-02U	EDGE HD Housing, 2U, holds 24 modules or panels
EDGE-04U	EDGE HD Housing, 4U, holds 48 modules or panels

Rack-Less Brackets	
EDGE-BKT-WT-2RU	EDGE Housing Mounting Bracket for wire tray, 2U
EDGE-BKT-WT-4RU	EDGE Housing Mounting Bracket for wire tray, 4U
EDGE-BKT-LR-2RU	EDGE Housing Mounting Bracket for ladder rack, 2U
EDGE-BKT-LR-4RU	EDGE Housing Mounting Bracket for ladder rack, 4U

Jumpers

OS2 Jumpers	
787802GD120001M	Reverse Polarity LC Uniboot Jumper, 1 m
787802GD120002M	Reverse Polarity LC Uniboot Jumper, 2 m
787802GD120003M	Reverse Polarity LC Uniboot Jumper, 3 m

Jumper in a Box	
7878-OS2-B70-01M	Reverse Polarity LC Uniboots, 1 m, Qty 70
7878-OS2-B70-02M	Reverse Polarity LC Uniboots, 2 m, Qty 70
7878-OS2-B70-03M	Reverse Polarity LC Uniboots, 3 m, Qty 70

Non-Pinned MTP® PRO to Non-Pinned MTP PRO Jumpers	
J909012GE8-NAxxxM	Type-A Jumper, xxx m
J909012GE8-NBxxxM	Type-B Jumper, xxx m

Non-Pinned MTP PRO to Pinned MTP PRO Jumpers	
J908912GE8-NAxxxM	Type-A Jumper, xxx m
J908912GE8-NBxxxM	Type-B Jumper, xxx m

Pinned MTP PRO to Pinned MTP PRO Jumpers	
J898912GE8-NAxxxM	Type-A Jumper, xxx m
J898912GE8-NBxxxM	Type-B Jumper, xxx m

Notes:
- *xxx = jumper length.*
- *For parallel optics and port breakout applications' pinning and polarity, please reference applications engineering notes AEN151 and AEN152.*

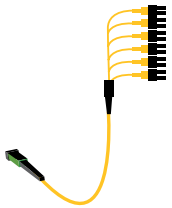
Additional Products

Consumables	
2104466-01	MTP Connector and Adapter Cleaner
CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC
CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and keyed LC

Test Equipment	
CHECKPOINT PRO BIF	CheckPoint Pro for bend-insensitive, multimode, and single-mode fibers
VFL-350	Visual Fault Locator, 2.5 mm adapter

MTP PRO Products	
MTPPRO-TOOL	Field Tool to perform pinning and polarity changes of MTP PRO connectors
MTPPRO-PEX-SME-NOPINS	MTP PRO Pin Exchanger Kit, single-mode MTP Elite, empty (without pins)
MTPPRO-PEX-SME-PINS	MTP PRO Pin Exchanger Kit, single-mode MTP Elite, loaded (with pins)

EDGE Solutions Fiber Optic Link

Switch	EDGE Jumper	EDGE Module	EDGE 4U Housing	EDGE Trunk	EDGE 2U Housing	EDGE MTP Adapter Panel	EDGE Harness	Switch
								

OM4 50 µm Multimode Fiber
EDGE8® Solutions

EDGE8® Solutions: OM4 (50 µm Multimode Fiber)

Trunks

Non-Armored Plenum Trunks, 33-in Leg Length, Pinned MTP® to Pinned MTP, Pulling Grip One Side	
Fiber Count	Catalog Part Number
8	GE5E508QPNDDUxxxM
16	GE5E516QPNDDUxxxM
24	GE5E524QPNDDUxxxM
32	GE5E532QPNDDUxxxM
48	GE5E548QPNDDUxxxM
72	GE5E572QPNDDUxxxM
96	GE5E596QPNDDUxxxM
144	GE5E5E4QPNDDUxxxM
192	GE5E5K2QPNDDUxxxM
288	GE5E5U8QPNDDUxxxM

Notes:
- *xxx = cable length of 001-999 m.*
- *1 m increments measured from furcation plug to furcation plug.*
- *Lengths beyond 999 m available.*

Panels/Modules

Panels	
EDGE8-CP08-V3	8 F MTP Adapter Panel
EDGE8-CP16-V3	16 F MTP Adapter Panel
EDGE8-CP24-V3	24 F MTP Adapter Panel
EDGE8-CP32-V3	32 F MTP Adapter Panel

Modules	
ECM8-UM08-05-E6Q-ULL	8 F Ultra-Low-Loss LC Duplex to Non-Pinned MTP

Tap Modules	
ETM8-50A-Q	EDGE8 Tap Module, type-A (LC to LC), OM4, 50/50 split ratio
ETM8-50B-Q	EDGE8 Tap Module, type-B (MTP to LC), OM4, 50/50 split ratio
ETM8-50C-Q	EDGE8 Tap Module, type-C (MTP to MTP), OM4, 50/50 split ratio
ETM8-70A-Q	EDGE8 Tap Module, type-A (LC to LC), OM4, 70/30 split ratio
ETM8-70B-Q	EDGE8 Tap Module, type-B (MTP to LC), OM4, 70/30 split ratio
ETM8-70C-Q	EDGE8 Tap Module, type-C (MTP to MTP), OM4, 70/30 split ratio

Harnesses

Harnesses – Pinned	
HE57908QPH-1BxxxM	EDGE8® MTP to LC Staggered Harness, 8 F, 50 µm multimode (OM4), MTP PRO (pinned) to LC duplex uniboot, TIA-568 type-B polarity, type-1 stagger, xxx m
HE57908QPH-2BxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, 50 µm multimode (OM4), MTP PRO (pinned) to LC duplex uniboot, TIA-568 type-B polarity, type-2 stagger, xxx m
HE57908QPH-3BxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, 50 µm multimode (OM4), MTP PRO (pinned) to LC duplex uniboot, TIA-568 type-B polarity, type-3 stagger, xxx m
HE57908QPH-4BxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, 50 µm multimode (OM4), MTP PRO (pinned) to LC duplex uniboot, TIA-568 type-B polarity, type-4 stagger, xxx m
HE57908QPH-5BxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, 50 µm multimode (OM4), MTP PRO (pinned) to LC duplex uniboot, TIA-568 type-B polarity, type-5 stagger, xxx m

Harnesses – Non-Pinned	
HE67908QPH-1AxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, 50 µm multimode (OM4), MTP PRO (non-pinned) to LC duplex uniboot, TIA-568 type-A polarity, type-1 stagger, xxx m
HE67908QPH-2AxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, 50 µm multimode (OM4), MTP PRO (non-pinned) to LC duplex uniboot, TIA-568 type-A polarity, type-2 stagger, xxx m
HE67908QPH-3AxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, 50 µm multimode (OM4), MTP PRO (non-pinned) to LC duplex uniboot, TIA-568 type-A polarity, type-3 stagger, xxx m
HE67908QPH-4AxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, 50 µm multimode (OM4), MTP PRO (non-pinned) to LC duplex uniboot, TIA-568 type-A polarity, type-4 stagger, xxx m
HE67908QPH-5AxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, 50 µm multimode (OM4), MTP PRO (non-pinned) to LC duplex uniboot, TIA-568 type-A polarity, type-5 stagger, xxx m

Notes:
- *For stagger selection, reference applications engineering note AEN157.*
- *xxx = harness length up to 5 m.*

Port Breakout Module	
ECM8-05E6-QE8B-xxxM	Non-Pinned MTP to LC Duplex, plenum, type-B, xxx m

Note: xxx = cable length up to 20 m.

EDGE8® Solutions: OM4 (50 µm Multimode Fiber)

Hardware

Rack-Mountable Hardware	
EDGE8-01U	EDGE8® HD Housing, 1U, holds 12 modules or panels
EDGE8-01U-SP	EDGE8 HD Housing, 1U, holds 18 modules or panels
EDGE8-02U	EDGE8 HD Housing, 2U, holds 36 modules or panels
EDGE8-04U	EDGE8 HD Housing, 4U, holds 72 modules or panels
EDGE8-01U-TRAY	EDGE8-01U Slot Tray Kit, labeled 01 to 02, Qty 12
EDGE8-01U-SP-TRAY	EDGE8-01U-SP Slot Tray Kit, labeled 01 to 03, Qty 12
EDGE8-02U-TRAY	EDGE8-02U Slot Tray Kit, labeled 01 to 06, Qty 12
EDGE8-04U-TRAY	EDGE8-04U Slot Tray Kit, labeled 01 to 12, Qty 12

Rack-Less Brackets	
EDGE-BKT-WT-2RU	EDGE™ Housing Mounting Bracket for wire tray, 2U
EDGE-BKT-WT-4RU	EDGE Housing Mounting Bracket for wire tray, 4U
EDGE-BKT-LR-2RU	EDGE Housing Mounting Bracket for ladder rack, 2U
EDGE-BKT-LR-4RU	EDGE Housing Mounting Bracket for ladder rack, 4U

MTP PRO Products	
MTPPRO-TOOL	Field Tool to perform pinning and polarity changes of MTP PRO connectors
MTPPRO-PEX-SME-NOPINS	MTP PRO Pin Exchanger Kit, single-mode MTP Elite, empty (without pins)
MTPPRO-PEX-SME-PINS	MTP PRO Pin Exchanger Kit, single-mode MTP Elite, loaded (with pins)

Jumpers

OM4 Jumpers	
797902QD120001M	Reverse Polarity LC Uniboot Jumper, 1 m
797902QD120002M	Reverse Polarity LC Uniboot Jumper, 2 m
797902QD120003M	Reverse Polarity LC Uniboot Jumper, 3 m
050502Q5120001M	LC Duplex Jumper, 1 m
050502Q5120002M	LC Duplex Jumper, 2 m
050502Q5120003M	LC Duplex Jumper, 3 m

Jumper in a Box	
7979-OM4-B70-01M	Reverse Polarity LC Uniboots, 1 m, Qty 70
7979-OM4-B70-02M	Reverse Polarity LC Uniboots, 2 m, Qty 70
7979-OM4-B70-03M	Reverse Polarity LC Uniboots, 3 m, Qty 70
0505-ZR4-B70-01M	LC Duplex Jumpers, zipcord, 1 m, Qty 70
0505-ZR4-B60-02M	LC Duplex Jumpers, zipcord, 2 m, Qty 60
0505-ZR4-B50-03M	LC Duplex Jumpers, zipcord, 3 m, Qty 50

Non-Pinned MTP® PRO to Non-Pinned MTP PRO Jumpers	
JE6E608QE8-NAxxxM	Type-A Jumper, xxx m
JE6E608QE8-NBxxxM	Type-B Jumper, xxx m

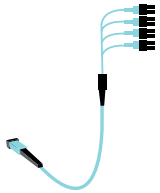
Notes:
- *xxx = jumper length.*
- *For parallel optics and port breakout applications' pinning and polarity, please reference applications engineering notes AEN151 and AEN152.*

Additional Products

Consumables	
2104466-01	MTP Connector and Adapter Cleaner
CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC
CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and keyed LC

Test Equipment	
CHECKPOINT PRO BIF	CheckPoint Pro for bend-insensitive, multimode, and single-mode fibers
VFL-350	Visual Fault Locator, 2.5 mm adapter

EDGE8 Solutions Fiber Optic Link

Switch	EDGE8 Jumper	EDGE8 Module	EDGE8 4U Housing	EDGE8 Trunk	EDGE8 2U Housing	EDGE8 MTP Adapter Panel	EDGE8 Harness	Switch
								

OS2 Single-Mode Fiber
EDGE8® Solutions

EDGE8® Solutions: OS2 (Single-Mode Fiber)

Trunks

Non-Armored Plenum Trunks, 33-in Leg Length, Pinned MTP® to Pinned MTP, Pulling Grip One Side	
Fiber Count	Catalog Part Number
08	GE7E708GPNDDUxxxM
16	GE7E716GPNDDUxxxM
24	GE7E724GPNDDUxxxM
32	GE7E732GPNDDUxxxM
48	GE7E748GPNDDUxxxM
72	GE7E772GPNDDUxxxM
96	GE7E796GPNDDUxxxM
144	GE7E7E4GPNDDUxxxM
192	GE7E7K2GPNDDUxxxM
288	GE7E7U8GPNDDUxxxM

Notes:
- *xxx = cable length of 001-999 m.*
- *1 m increments measured from furcation plug to furcation plug.*
- *Lengths beyond 999 m available.*

Panels/Modules

Panels	
EDGE8-CP08-V1	8 F MTP Adapter Panel
EDGE8-CP16-V1	16 F MTP Adapter Panel
EDGE8-CP24-V1	24 F MTP Adapter Panel
EDGE8-CP32-V1	32 F MTP Adapter Panel

Module	
ECM8-UM08-04-E8G-ULL	12 F Ultra-Low-Loss LC UPC Duplex to Non-Pinned MTP

Tap Modules	
ETM8-50A-G	EDGE8 Tap Module, type-A (LC to LC), OS2, 50/50 split ratio
ETM8-50B-G	EDGE8 Tap Module, type-B (MTP to LC), OS2, 50/50 split ratio
ETM8-50C-G	EDGE8 Tap Module, type-C (MTP to MTP), OS2, 50/50 split ratio
ETM8-70A-G	EDGE8 Tap Module, type-A (LC to LC), OS2, 70/30 split ratio
ETM8-70B-G	EDGE8 Tap Module, type-B (MTP to LC), OS2, 70/30 split ratio
ETM8-70C-G	EDGE8 Tap Module, type-C, (MTP to MTP), OS2, 70/30 split ratio

Harnesses

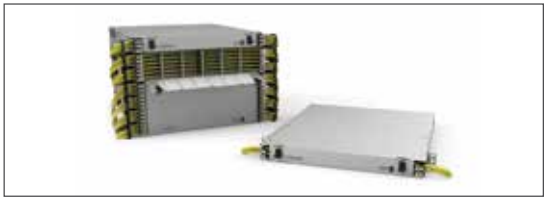
Harnesses – Pinned	
HE77808GPH-1BxxxM	EDGE8® MTP to LC Staggered Harness, 8 F, single-mode (OS2), MTP PRO (pinned) to LC duplex uniboot, TIA-568 type-B polarity, type-1 stagger, xxx m
HE77808GPH-2BxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, single-mode (OS2), MTP PRO (pinned) to LC duplex uniboot, TIA-568 type-B polarity, type-2 stagger, xxx m
HE77808GPH-3BxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, single-mode (OS2), MTP PRO (pinned) to LC duplex uniboot, TIA-568 type-B polarity, type-3 stagger, xxx m
HE77808GPH-4BxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, single-mode (OS2), MTP PRO (pinned) to LC duplex uniboot, TIA-568 type-B polarity, type-4 stagger, xxx m
HE77808GPH-5BxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, single-mode (OS2), MTP PRO (pinned) to LC duplex uniboot, TIA-568 type-B polarity, type 5 stagger, xxx m

Harnesses – Non-Pinned	
HE87808GPH-1AxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, single-mode (OS2), MTP PRO (non-pinned) to LC duplex uniboot, TIA-568 type-A polarity, type-1 stagger, xxx m
HE87808GPH-2AxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, single-mode (OS2), MTP PRO (non-pinned) to LC duplex uniboot, TIA-568 type-A polarity, type-2 stagger, xxx m
HE87808GPH-3AxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, single-mode (OS2), MTP PRO (non-pinned) to LC duplex uniboot, TIA-568 type-A polarity, type-3 stagger, xxx m
HE87808GPH-4AxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, single-mode (OS2), MTP PRO (non-pinned) to LC duplex uniboot, TIA-568 type-A polarity, type-4 stagger, xxx m
HE87808GPH-5AxxxM	EDGE8 MTP to LC Staggered Harness, 8 F, single-mode (OS2), MTP PRO (non-pinned) to LC duplex uniboot, TIA-568 type-A polarity, type-5 stagger, xxx m

Notes:
- *For stagger selection, reference applications engineering note AEN157.*
- *xxx = harness length up to 5 m.*

Port Breakout Module	
ECM8-04E8-GE8B-xxxM	Non-Pinned MTP to LC Duplex, plenum, type-B, xxx m

Note: xxx = cable length up to 20 m.



EDGE8® Solutions: OS2 (Single-Mode Fiber)

Hardware

Rack-Mountable Hardware	
EDGE8-01U	EDGE8® HD Housing, 1U, holds 12 modules or panels
EDGE8-01U-SP	EDGE8 HD Housing, 1U, holds 18 modules or panels
EDGE8-02U	EDGE8 HD Housing, 2U, holds 36 modules or panels
EDGE8-04U	EDGE8 HD Housing, 4U, holds 72 modules or panels
EDGE8-01U-TRAY	EDGE8-01U Slot Tray Kit, labeled 01 to 02, Qty 12
EDGE8-01U-SP-TRAY	EDGE8-01U-SP Slot Tray Kit, labeled 01 to 03, Qty 12
EDGE8-02U-TRAY	EDGE8-02U Slot Tray Kit, labeled 01 to 06, Qty 12
EDGE8-04U-TRAY	EDGE8-04U Slot Tray Kit, labeled 01 to 12, Qty 12

Rack-Less Brackets	
EDGE-BKT-WT-2RU	EDGE™ Housing Mounting Bracket for wire tray, 2U
EDGE-BKT-WT-4RU	EDGE Housing Mounting Bracket for wire tray, 4U
EDGE-BKT-LR-2RU	EDGE Housing Mounting Bracket for ladder rack, 2U
EDGE-BKT-LR-4RU	EDGE Housing Mounting Bracket for ladder rack, 4U

Jumpers

OS2 Jumpers	
787802GD120001M	Reverse Polarity LC Uniboot Jumper, 1 m
787802GD120002M	Reverse Polarity LC Uniboot Jumper, 2 m
787802GD120003M	Reverse Polarity LC Uniboot Jumper, 3 m

Jumper in a Box	
7878-OS2-B70-01M	Reverse Polarity LC Uniboots, 1 m, Qty 70
7878-OS2-B70-02M	Reverse Polarity LC Uniboots, 2 m, Qty 70
7878-OS2-B70-03M	Reverse Polarity LC Uniboots, 3 m, Qty 70

Non-Pinned MTP PRO to Non-Pinned MTP PRO Jumpers	
JE8E808GE8-NAxxxM	Type-A Jumper, xxx m
JE8E808GE8-NBxxxM	Type-B Jumper, xxx m

Notes:
- *xxx = jumper length.*
- *For parallel optics and port breakout applications' pinning and polarity, please reference applications engineering notes AEN151 and AEN152.*

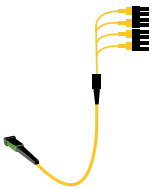
Additional Products

Consumables	
2104466-01	MTP® Connector and Adapter Cleaner
CLEANER-PORT-2.5	Single-Fiber Port Cleaner, SC
CLEANER-PORT-LC	Single-Fiber Port Cleaner, LC and keyed LC

Test Equipment	
CHECKPOINT PRO BIF	CheckPoint Pro for bend-insensitive, multimode, and single-mode fibers
VFL-350	Visual Fault Locator, 2.5 mm adapter

MTP PRO Products	
MTPPRO-TOOL	Field Tool to perform pinning and polarity changes of MTP PRO connectors
MTPPRO-PEX-SME-NOPINS	MTP PRO Pin Exchanger Kit, single-mode MTP Elite, empty (without pins)
MTPPRO-PEX-SME-PINS	MTP PRO Pin Exchanger Kit, single-mode MTP Elite, loaded (with pins)

EDGE Solutions Fiber Optic Link

Switch	EDGE8 Jumper	EDGE8 Module	EDGE8 4U Housing	EDGE8 Trunk	EDGE8 2U Housing	EDGE8 MTP Adapter Panel	EDGE8 Harness	Switch
								

Programs and Resources

See the Light® Fiber Optic Training

Member Programs

Authorized Distributors

Technology Alliances

Technical Support

You know your network – and the importance of its reliability – better than anyone. That's why we offer tailored support and resources to help you get the job done right the first time, every time. From design to deployment (and everything in between), you can count on Corning to expand your expertise and cost-effectively transform your network.

Check out our programs page for more information.
corning.com/loyalty-programs

See the Light® Fiber Optic Training

So you can be successful in this time of rapid network transformation, we offer an array of training opportunities on the latest applications and products. For the most up-to-date industry knowledge – whether training in-person or at your desk – we have you covered. Visit **corning.com/opcomm/stl** for a full list of our training offerings.

Webinar Series

Stay current with the See the Light® webinar series, our monthly offering focused on specific topics impacting networks today. Participate in these one-hour live webinars to connect in real-time with Corning experts, or catch up on the webinar recordings at your convenience.

To find the full list of available webinars, visit: **corning.com/opcomm/webinars**

Instructor-Led Classes and Seminars

If it's classroom training that you feel is most valuable, our instructor-led courses are for you. We cover product and solution introductions, in-depth installation training, and classes focused on designing networks and specifying products. These classes range from two to three hours to multiday hands-on training sessions, each led by field instructors and experts who understand the needs of industry professionals.

To view our hands-on seminar schedule visit:
corning.com/opcomm/seminars

To view our multiday design and installation training courses visit:
corning.com/opcomm/designandinstall

Online Learning

We understand that classroom training is not always an option. Distributors in Central American and Latin American regions have access to all trainings that are offered in the United States.

Email **stlinfo@corning.com** to access U.S. trainings through our See the Light program.

If you are interested in training opportunities specific to your region, please email **marktngcal@corning.com**

Industry-Approved Courses

Many of our courses and webinars have been approved by industry organizations, making it easy for you to continue your education while earning industry accreditations. Accreditation information can be found within the individual course listings or on our website.

For more information or to sign up to receive email updates on training visit:
corning.com/opcomm/stl

If you have any questions, email us at **stlinfo@corning.com**

Member Programs

Programa de Garantia Extendida

Programa de garantia extendida (PGE) connects network operators with local fiber optic installers meeting Corning's quality and training requirements. We are so confident that our preferred installers are the best in the industry, we will repair or replace defective products free of charge for up to 15 years after installation through our LANscape® solutions extended warranty.

corning.com/cala/es/pge

Authorized Distributors

We understand that pay-as-you-grow LAN, data center infrastructures, or fiber-to-the-edge deployments depend on modular products delivered fast. Thankfully, we've nurtured long-term relationships with authorized distributors who stock our products and further support the growing needs of our businesses' ecosystems, including training, customer needs assessment, project planning, design, and logistics. We consider our distributors a true force multiplier, a major contributor to our day-to-day and project business growth.

For more information, please visit **corning.com/cala/es/distributors**

Technology Alliances

Corning is committed to redefining innovation in local area networks and in the data center. This never-ending drive to solve your toughest challenges ensures that we work closely with technology allies to develop leading solutions for today and beyond.

Chatsworth Products, Inc.

Chatsworth Products, Inc. (CPI) focuses on addressing today's critical IT infrastructure needs with products and services that protect its customers' ever-growing investments. With Corning, CPI is uniquely prepared to respond to specific requirements with global availability and rapid product customization, providing a competitive advantage. CPI's unequaled customer service and technical support, as well as its global network of industry-leading distributors, enables product delivery and services designed to meet customer needs.

Headquartered in the United States, CPI operates global offices within the United States, Mexico, Canada, China, and the United Kingdom.

For more information, visit **chatsworth.com**

Fluke Networks

Corning and Fluke Networks work together to enhance the performance and reliability of enterprise fiber optic networks, developing solutions for tomorrow's data center technologies today. Fluke Networks provides tools and support so network installers and maintainers maximize the performance of their Corning networks while minimizing downtime. Fluke Networks solutions can certify the installation of Corning systems as well as troubleshoot problems that can result from improper installation, contamination, or misuse.

Based in Everett, Washington, Fluke Networks distributes products in more than 50 countries.

For more information, visit **FlukeNetworks.com**

Technical Support

Your customers and users expect reliable connectivity, and we know it takes more than products to deliver on those expectations. From us, you can expect collaborative global support for your network today to prepare it for emerging applications and services.

Connect with our network professionals at any phase of your project to take advantage of their training, experience, and equipment for a cost-effective, high-quality result. Our experts offer design and training services, technical assistance, and customer support resources.

You may be entering new territory – installing fiber in the horizontal or deploying a converged, all-optical infrastructure – but your application is something we've done before. And if it's a data center you're supporting, let's talk about how we can find more value in your given footprint.

WE CAN HELP.

calaeng@corning.com

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