CORNING

Core Products

Local Area Networks and Data Centers

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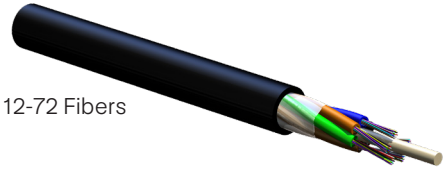
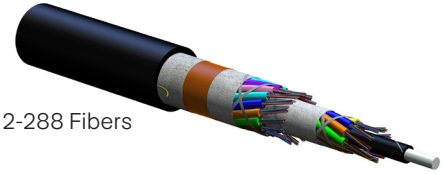
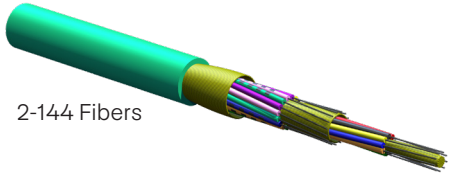
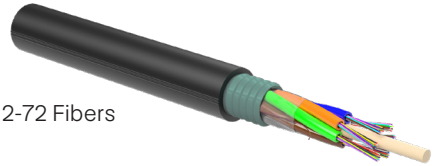
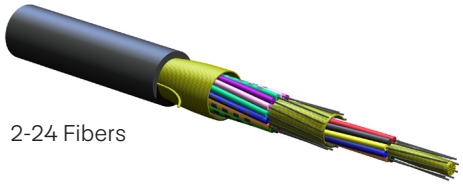
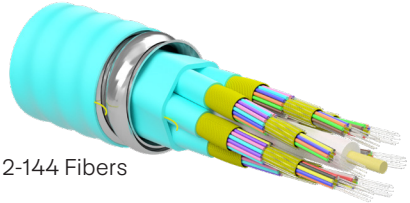
Cable 101

Outdoor Cable	Indoor/Outdoor Cable	Indoor Cable
 12-72 Fibers	 2-288 Fibers	 2-144 Fibers
 12-72 Fibers	 2-24 Fibers	 2-144 Fibers
ALTOS® with FastAccess® Technology	FREEDM®	MIC®
Loose Tube Design	Loose Tube or Tight-Buffered Design	Tight-Buffered Design

Sun: UV Resistant Cable

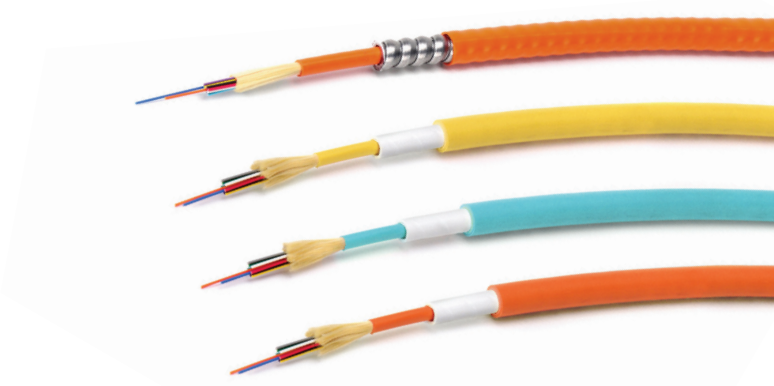
Cloud: Water Blocked (wont be harmful in telecom room)

Snow: Wide range of indoor outdoor temperatures (installation temp, storage temp, and operations temp)

Flame: (Flame rated) Riser, plenum, or LSZH rated

Flame-Retardant (FR) Cable Portfolio

Corning's flame-retardant (FR) cable portfolio is expansive and vast. With a large variety of offerings, there may be some confusion and uncertainty regarding the best solutions for a customer's needs. Here's a quick cheat sheet to help you understand all the options and pick the best based on fiber type, fiber count, and application.



Indoor	Usage	Fiber Type	Fiber Count	Armored	Riser	Plenum
MIC®	The most commonly deployed indoor fiber optic cable utilizing tight-buffered (900 µm) fibers; ideal for mechanical splicing	OM1, OM3, OM4, OS2	2-144	Metallic	Yes	Yes
MIC DX	Indoor fiber optic cable utilizing tight-buffered (900 µm) fibers and requiring dielectric (nonmetallic) armoring, eliminating the need for grounding or bonding; ideal for mechanical splicing	OM1, OM3, OM4, OS2	2-24	Dielectric	No	Yes
MIC Loose Tube	Indoor fiber optic cable utilizing loose tube (250 µm) fibers in plenum spaces, offering a smaller diameter cable; ideal for fusion splicing	OM1, OM3, OM4, OS2	12-144	Metallic	No	Yes
MiniXtend®	Jetted micro cable utilizing loose tube (250um) color-coded fibers or Flow Ribbon options with a flexible flame-retardant jacket and non-preferential bend axis. MicroCable's small design is optimized for MicroDucts, ideal for point-to-point applications for indoor and indoor/outdoor projects, within 6mm ID micro-ducts.	OS2	12-96	No	No	Yes
Fan-Out	Indoor fiber optic cable utilizing tight-buffered (900 µm) fibers and additional jacketing for more robust deployments where more individual fiber protection is required	OM1, OM3, OM4, OS2	2-24	No	Yes	Yes
Zipcord	Two tight-buffered (900 µm) fiber optic cables enabling the connection between the passive optical system and active electronics or simply active electronics	OM1, OM3, OM4, OS2	2	No	Yes	Yes
ActiFi®	Composite/hybrid cable made with both stranded copper and fiber, under one jacket—the fiber for data transmission and the stranded copper for remote powering; ideal for bringing power and fiber to the edge of the network	OS2	1-24	Yes	Yes	Yes

Corning Flame-Retardant (FR) Cables (continued)

Indoor/ Outdoor	Usage	Fiber Type	Fiber Count	Armored	Riser	Plenum
FREEDM® LST™	Low-fiber-count indoor/outdoor loose tube (250 µm) fiber optic cable, utilizing a smaller diameter cable, eliminating the need for transition splicing; ideal for fusion splicing	OM1, OM3, OM4, OS2	6-24 (Riser) 6-12 (Plenum)	Yes (Riser) No (Plenum)	Yes	Yes
FREEDM LT	High-fiber-count indoor/outdoor fiber optic cable utilizing loose tube (250 µm) fibers, eliminating the need for transition splicing; ideal for fusion splicing	OM1, OM3, OM4, OS2	12-288 (Riser) 6-72 (Plenum)	Yes	Yes	Yes
FREEDM One	Indoor/outdoor fiber optic cable utilizing tight-buffered (900 µm) fibers, eliminating the need for transition splicing; ideal for mechanical connectorization	OM1, OM3, OM4, OS2	6-144	Yes	Yes	Yes
FREEDM Ribbon	High-fiber-count indoor/outdoor fiber optic ribbon cable	OS2	864	Yes	Yes	No
Zipcord	Two tight-buffered (900 µm) fiber optic cables enabling the connection between the passive optical system and active electronics or simply active electronics	OM1, OM3, OM4, OS2	2	No	Yes	Yes

Industrial/ LSZH™	Usage	Fiber Type	Fiber Count	Armored	Riser	Plenum
LSZH™	Limited smoke zero halogen (LSZH) jacketed indoor/outdoor cable utilizing loose tube (250 µm) fibers typically used in industrial/ harsh/confined spaces (e.g., mines, oil and gas industry, etc.)	OM1, OM3, OM4, OS2	2-288	Yes	No	No
LSZH LST	Low-fiber-count, limited smoke zero halogen jacketed indoor/outdoor cable utilizing loose tube (250 µm) fibers typically used in industrial/ harsh/confined spaces (e.g., mines, oil and gas industry, etc.)	OS2	6-12	No	No	No
LSZH Ribbon (Gel-Filled)	High-fiber-count, limited smoke zero halogen jacketed indoor/ outdoor cable utilizing ribbon fibers typically used in industrial/ harsh/confined spaces (e.g., mines, oil and gas industry, etc.)	OM1, OM3, OM4, OS2	12-216	Yes	No	No

Connectivity 101

FuseLite 2	UniCam
FuseLite® 2 Connectors IBN and Data Center Applications Single-mode (OS2) and Multimode (OM1-4) SC and LC (UPC and APC) Universal Handlers for Sumitomo and AFL Fusion Splicers	**UniCam® Connectors** IBN and Data Center Applications Single-mode (OS2) and Multimode (OM1-4) ST®, SC, and LC (UPC and APC)
KF4 Active Clad Fusion Splicer IBN and Data Center Applications Compatible with FuseLite 1 and 2 Connectors Compatible with 250 µm CCH Pigtailed Cassettes Handlers Included 250 µm, 900 µm, FL2 SC/LC, and Fan-out	**UniCam™ High Performance Toolkit** IBN and Data Center Applications Compatible with ST, SC, and LC UniCams Compatible with 900 µm, 2 mm, and 3 mm cables

Your Fusion Splicer. Our Connector.

Our FuseLite® 2 Splice-On Connectors Bring It All Together.

It's no secret the market is shifting toward fusion splicing and away from field-installable connectors. But why? The cost of fusion splicers has dropped dramatically over time, eliminating the traditional barrier to entry. Thankfully, our splice-on connector portfolio has expanded with the launch of our FuseLite® 2 connector. Here's everything you need to know about our new, premier splice-on connector:

Why Terminate With FuseLite 2 Splice-On Connectors?

- Fusion splicing in the enterprise market is on the rise, due to affordable fusion-splicer options as well as labor preferences
- Offers consolidated packaging with less parts to assemble
- Available handlers allow for compatibility with various fusion-splicer models
- Factory-polished end face ensures optimal connector performance and cleanliness
- Ideal for reflectant-sensitive applications (e.g., video)
- Protect splice within the connector body; no splice trays required

And don't forget the universal handler(s) (FL2-HLD-CON-SC-LC-S-A)!

Our handler is compatible with Sumitomo and AFL splicers

**Descriptions listed only represent our core FuseLite 2 product offering. For our complete portfolio, please reach out to your local Corning sales engineer.*

Feature	Benefit	Value
Factory-polished end face	Saves time prepping connector	Labor savings
	Reduces risk of component damage	Lowers risk and increases quality
Handler compatibility	Allows for termination with most fusion splicers	Reduces cost
Consolidated packaging	Reduces packaging for installers and distributors to manage	Labor savings, complexity, and waste reduction
	Less parts to assemble	Labor savings
	Eliminates need for splice tray	Reduces order complexity
100% Corning products	Corning quality, proven performance	Risk avoidance

Part Numbers*

	Part Numbers	Description	Visual Cues
	FL2-SCU-900-SM-6 FL2-SCU-900-SM-25	SC, UPC, OS2	Blue boot, blue shroud
	FL2-SC-900-OM1-6	SC, OM1	Beige boot, beige shroud
	FL2-LCU-900-SM-6 FL2-LCU-900-SM-25	LC, UPC, OS2	White boot, blue shroud
	FL2-LCA-900-SM-6 FL2-LCA-900-SM-25	LC, APC, OS2	White or green boot, green shroud
	FL2-LC-900-OM4-6 FL2-LC-900-OM4-25	LC, OM4	White or aqua boot, aqua shroud
	FL2-LC-900-OM1-6	LC, OM1	White or beige boot, beige shroud
	FL2-HLD-CON-SC-LC-S-A	Universal Splice Handler(s) (Sumitomo & AFL compatible)	

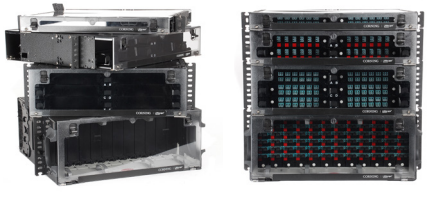
Federal Business (TAA Trade Agreement Act)

Some Federal Contracts/Projects require the product meet TAA requirement and on those orders please make sure to add -TAA after the 25 in the part number above (TAA product is only available in 25 packs).

Hardware 101

Rack Mounted

CCH Product Family



Adapter Panel

Housing	# Panels	Fiber Capacity (SC/ST®)	Fiber Capacity* (LC-Dup)
CCH-01U	2	24	72
CCH-02U	4	48	144
CCH-03U	6	72	216
CCH-04U	12	144	432

When using a 36 fiber LC-Dup panel

Wall Mounted

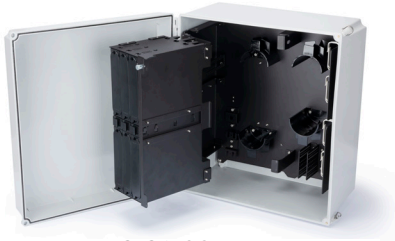
Indoor

WCH-02P

SPH-01P

Housing	# Panels	Fiber Capacity* (SC/ST)	Fiber Capacity (LC)
SPH-01P	1	12	36
WCH-02P	2	24	72
WCH-04P	4	48	144
WCH-06P	6	72	216

Outdoor



EDC-CS-06P-NH
(-2P, -6P Available)
IP66, NEMA4X Rated

ICH-CS-06P-NH
(-2P, -6P Available)
IP67, NEMA 3S Rated

Pigtailed Cassettes

Why Terminate with CCH Pigtailed Cassettes?

- Fusion splicing is on the rise due to affordable fusion splicer options and labor preferences.
- Routing loose fibers, especially when splicing pigtails, is time consuming and requires increased skill level, leading to unnecessary risk.
- Rack-mounted and wall-mounted options available, eliminating the need for additional housings.

Qualifying Questions

1) What is your preferred method of termination? Field connectorization or fusion splicing?
2) Is time savings important to you?
3) How important is installer skill level?
4) Are you concerned about total solutions cost?
5) Is reducing complexity, risk, and waste appealing to you?
6) Not sure which configuration you need? Visit page 30 to build a CCH Pigtailed Cassette part number.

Pigtailed Cassettes: Features, Benefits, and Values

Feature	Benefit	Value
Factory pigtail routing and strain relief	Saves time prepping splice cassette	Labor savings up to 50%
	Reduces risk or damage of components	Lowers risk and increases quality
	Maximizes usable termination capacity	Reduces total solution cost
Colored 900 µm at connector termination	Clear identification fibers vs. traditional non-colored pigtails	Lowers risk of cross-spliced fibers and costly field repairs
Colored 250 µm for splicing	Ease of routing and splicing (pre-prepped to 250 µm at splice point)	Labor savings, enables best splicer technology and highest quality
Consolidated solution packaging	Fewer part numbers, easy to order	Less risk, increased availability
	Reduced ordering complexity; reduced time to generate BOM	Labor savings, less complex
	Reduced packaging for installers and distributors to manage	Labor savings, complexity and waste reduction
	Heat shrinks included	Reduced downtime
100% Corning products	Corning quality, proven performance	Risk avoidance

Quick Connect Program: In-Region Inventory

EDGE™ Uniboot Jumpers and our Core 1- and 2- Fiber Patch Cords and Pigtails Ship Within 48 Hours of Order Receipt

EDGE Uniboot Jumpers allow for the quick-and-easy conversion from a TIA-568 A-B polarity to a TIA-568 A-A polarity without exposing the fibers or needing any tools. This jumper comes with a straight-through polarity from the factory, but you can convert it to a flipped jumper. This uniboot design allows one cable to carry both fibers, reducing the jumper bulk when routing.

EDGE Uniboot Jumpers are manufactured with Corning® CleanAdvantage™ Technology with Optimized Dust Caps, eliminating the need for scoping and cleaning prior to initial field connection.

Qualifying Jumpers

Description	Connector Code	Part Number	Lead Time	
			< 250 pce	> 250 pce
LC Uniboot/LC Uniboot 2.0 mm DFX® 250 Riser	OS2	787802GD120XXXM (1-10M)	2 days	10 days
	OS2	787802GD120XXXM (15-50M)	2 days	10 days
	OM3	797902TD120XXXM (1-10M)	2 days	10 days
	OM4	797902QD120XXXM (1-10M)	2 days	10 days
	OM4	797902QD120XXXM (15-50M)	2 days	10 days
	OM4	797902QD120XXXM-GR (1-5M)	2 days	10 days
	OM4	797902QD120XXXM-RD (1-5M)	2 days	10 days
	OM4	797902QD120XXXM-YL (1-5M)	2 days	10 days

No minimum order quantity! 15-50M lengths are only available in increments of 5M.

Core Patch Cords and Pigtails

Cable assemblies are a basic component for all network infrastructure projects. Corning's preterminated assemblies use only high-quality optical fibers to ensure reliable performance. Our patch cords and pigtails comply are designed according to IEC 61300 performance while backed by Corning's 12-month product warranty.

Qualifying Patch Cords and Pigtails

Fiber Type	Jumper	Catalog Number Prefix*	Lead Time	
			< 250 pce	> 250 pce
Single-mode Ultra	LC Duplex UPC - LC Duplex UPC	L040402G5120XXXM (1-10M)	2 days	5-6 weeks
Single-mode Ultra	LC Duplex UPC - SC Duplex UPC	L047202G5120XXXM (1-10M)	2 days	5-6 weeks
Single-mode Ultra	SC Duplex UPC - SC Duplex UPC	L727202G5120XXXM (1-10M)	2 days	5-6 weeks
Single-mode Ultra	LC Simplex UPC - LC Simplex UPC	L020201G2131XXXM (1-10M)	2 days	5-6 weeks
Single-mode Ultra	SC Simplex APC - SC Simplex APC	L444401G2131XXXM (1-10M)	2 days	5-6 weeks
Single-mode Ultra	SC Simplex APC Pigtail	L004401G2131XXXM (1-10M)	2 days	5-6 weeks
OM3	LC Simplex UPC Pigtail	L000201G2131XXXM (1-10M)	2 days	5-6 weeks
OM4	LC Duplex UPC Pigtail	L000402G5120XXXM (1-10M)	2 days	5-6 weeks
OM3	LC Duplex UPC - LC Duplex UPC	L050502T5120XXXM (1-10M)	2 days	5-6 weeks
OM4	LC Duplex UPC - LC Duplex UPC	L050502Q5120XXXM (1-10M)	2 days	5-6 weeks

**Riser only, available lengths are 1-10M*

Local Area Networks

OM1
62.5 µm Multimode Fiber

OM3
50 µm Multimode Fiber

OM4
50 µm Multimode Fiber

OS2
Single-Mode Fiber

Don’t see what you’re looking for?

Visit our online product catalog at **www.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 dB/1.0 km.*
[†]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

OM1 (62.5 µm Multimode Fiber)

Cables

Indoor Cable							
Fiber Count	MIC® Cable (Non-Armored) *Up to 24F available*		MIC DX Armored Cable (Nonmetallic) *Up to 24F available*	MIC Interlocking Armored Cable (Metallic) *Up to 24F available*		2.0-mm Zipcord Cable	
	Riser	Plenum	Plenum	Riser	Plenum	Riser	Plenum
6	006K81-31130-24	006K88-31130-29	006K88-31130-D3	006K81-31130-A1	006K88-31130-A3	002K51-31330-24	002K58-31330-24
12	012K81-33130-24	012K88-33130-29	012K88-33130-D3	012K81-33130-A1	012K88-33130-A3		
24	024K81-33130-24	024K88-33130-29	024K88-33130-D3	024K81-33130-A1	024K88-33130-A3		

Indoor/Outdoor Cable					
Fiber Count	FREEDM® One Cable *Up to 24F available*		FREEDM LST™ Cable *Up to 24F available*	FREEDM Loose Tube Cable *Riser available up to 288F/Plenum available up to 72F*	
	Riser	Plenum	Riser	Riser	Plenum
6	006K8F-31130-29	006K8P-31130-29	006KSF-T4130D20	006KUF-T4130D20	006KWP-T4130D20
12	012K8F-31130-29	012K8P-31130-29	012KSF-T4130D20	012KUF-T4130D20	012KWP-T4130D20
24	024K8F-31130-29	024K8P-31130-29	024KSF-T4130D20	024KUF-T4130D20	024KWP-T4130D20

Outdoor Cable	
ALTOS® Cable *Up to 288F available*	
Dielectric (FastAccess®)	Armored
006KU4-T4730D20	006KUC-T4130D20
012KU4-T4730D20	012KUC-T4130D20
024KU4-T4730D20	024KUC-T4130D20
048KU4-T4730D20	
072KU4-T4730D20	

Connectivity

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	CCH-CS-06-A8-P00KE	CCH-CS06-91-P00KE	CCH-CS06-5T-P00KE
12	CCH-CS12-A8-P00KE	CCH-CS12-91-P00KE	CCH-CS12-5T-P00KE
24	CCH-CS24-A8-P00KE		

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
FuseLite® 2 Connector	Maximum 0.30 dB	FL2-LC-900-OM1-6†	FL2-SC-900-OM1-6†	

Toolkits	
UniCam™ High-Performance Installation Toolkit	TKT-UNICAM-PFC
UCL KF4 Fusion Splicer/ FL2 Tool	KF4-COC1

**Add "-Z" to UniCam connector part number for 25/pack organizer pack (e.g., 95-000-99-Z). Includes boots for 900 µm only.*
†25 packs available of FuseLite 2 by changing the 6 to 25

OM1 (62.5 µm Multimode Fiber)

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

Hardware Accessories	
SPH-DIN-KIT	DIN Rail Mounting Kit for SPH-01P
ICH-SPLC-12	Splice Tray Holder for ICH-12P
CCHA-LOCK-KIT	Hardware Lock Kit for CCH and WCH housings only
HDWR-GRND-KIT	Hardware Grounding Kit

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-CS-02P-NH*	Environmental Distribution Center, holds two CCH cassettes†, panels or modules, NEMA 4X
EDC-CS-06P-NH*	Environmental Distribution Center, holds six CCH CCH cassettes†, panels or modules, NEMA 4X
EDC-12P-NH*	Environmental Distribution Center, holds 12 CCH connector panels, NEMA 4X
ICH-CS-02P	Industrial Connector Housing, holds two CCH connector panels or cassettes, NEMA 3S
ICH-CS-06P	Industrial Connector Housing, holds six CCH connector panels or cassettes, NEMA 3S
ICH-12P	Industrial Connector Housing, holds 12 CCH connector panels, NEMA 3S

**EDC also available for order in stainless steel.*
†cassettes = pigtail cassettes, splice cassettes, termination cassettes

Cable Assemblies

2-Fiber Jumpers, Riser (M length*)	
050502K512000xxxM	LC Duplex to LC Duplex
575702K512000xxxM	SC Duplex to SC Duplex
505002K512000xxxM	ST® Compatible to ST Compatible
055702K512000xxxM	LC Duplex to SC Duplex
505702K512000xxxM	ST Compatible to SC Duplex

**Also available in feet*
xxx = jumper length

Please see **page 23** for compatible accessories

OM3 50 µm
Multimode Fiber

OM3 (50 µm Multimode Fiber)

Cables

Indoor Cable							
Fiber Count	MIC® Cable (Non-Armored) *Up to 24F available*		MIC DX Armored Cable (Nonmetallic) *Up to 24F available*	MIC Interlocking Armored Cable (Metallic) *Up to 24F available*		2.0-mm Zipcord Cable	
	Riser	Plenum	Plenum	Riser	Plenum	Riser	Plenum
6	006T81-31180-24	006T88-31180-29	006T88-31180-D3	006T81-31180-A1	006T88-31180-A3	002T51-31380-24	002T58-31380-24
12	012T81-33180-24	012T88-33180-29	012T88-33180-D3	012T81-33180-A1	012T88-33180-A3		
24	024T81-33180-24	024T88-33180-29	024T88-33180-D3	024T81-33180-A1	024T88-33180-A3		

Indoor/Outdoor Cable					
Fiber Count	FREEDM® One Cable *Up to 24F available*		FREEDM LST™ Cable *Up to 24F available*	FREEDM Loose Tube Cable *Riser available up to 288F/Plenum available up to 72F*	
	Riser	Plenum	Riser	Riser	Plenum
6	006T8F-31180-29	006T8P-61180-29	006TSF-T4180D20	006TUF-T4180D20	006TWP-T4180D20
12	012T8F-31180-29	012T8P-61180-29	012TSF-T4180D20	012TUF-T4180D20	012TWP-T4180D20
24	024T8F-31180-29	024T8P-31180-29	024TSF-T4180D20	024TUF-T4180D20	024TWP-T4180D20

Outdoor Cable	
ALTOS® Cable *Up to 288F available*	
Dielectric (FastAccess®)	Armored
006TU4-T4780D20	006TUC-T4180D20
012TU4-T4780D20	012TUC-T4180D20
024TU4-T4780D20	024TUC-T4180D20
048TU4-T4780D20	
072TU4-T4780D20	

Connectivity

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	CCH-CS06-E4-P00TE	CCH-CS06-E7-P00TE	CCH-CS06-H3-P00TE
12	CCH-CS12-E4-P00TE	CCH-CS12-E7-P00TE	CCH-CS12-H3-P00TE
24	CCH-CS24-E4-P00TE		

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
FuseLite® 2 Connector	Maximum 0.30 dB	FL2-LC-900-OM4-6†	FL2-SC-900-OM4-6†	

Toolkits	
UniCam™ High-Performance Installation Toolkit	TKT-UNICAM-PFC
UCL KF4 Fusion Splicer/ FL2 Tool	KF4-COC1

**Add "-Z" to UniCam connector part number for 25/pack organizer pack (e.g., 95-050-99-Z). Includes boots for 900 µm only.*
†25 packs available of FuseLite 2 by changing the 6 to 25

OM3 (50 µm Multimode Fiber)

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

Hardware Accessories	
SPH-DIN-KIT	DIN Rail Mounting Kit for SPH
CCHA-LOCK-KIT	Hardware Lock Kit for CCH and WCH housings only
HDWR-GRND-KIT	Hardware Grounding Kit

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-CS-02P-NH*	Environmental Distribution Center, holds two CCH splice cassettes, NEMA 4X
EDC-CS-06P-NH*	Environmental Distribution Center, holds six CCH splice cassettes, NEMA 4X
EDC-12P-NH*	Environmental Distribution Center, holds 12 CCH connector panels, NEMA 4X
ICH-CS-02P	Industrial Connector Housing, holds two CCH connector panels, NEMA 3S
ICH-CS-06P	Industrial Connector Housing, holds six CCH splice cassettes, NEMA 3S
ICH-12P	Industrial Connector Housing, holds 12 CCH connector panels, NEMA 3S

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

Cable Assemblies

2-Fiber Jumpers, Riser (M length*)	
050502T512000xxxM†	LC Duplex to LC Duplex
575702T512000xxxM†	SC Duplex to SC Duplex
505002T512000xxxM†	ST® Compatible to ST Compatible
055702T512000xxxM†	LC Duplex to SC Duplex
505702T512000xxxM†	ST Compatible to SC Duplex

**Also available in feet*
xxx = jumper length
†Add "L" prefix for Core Jumpers

Please see **page 23** for compatible accessories

OM4 50 µm
Multimode Fiber

OM4 (50 µm Multimode Fiber)

Cables

	Indoor Cable						
Fiber Count	MIC® Cable (Non-Armored) *Up to 24F available*		MIC DX Armored Cable (Nonmetallic) *Up to 24F available*	MIC Interlocking Armored Cable (Metallic) *Up to 24F available*		2.0-mm Zipcord Cable	
	Riser	Plenum	Plenum	Riser	Plenum	Riser	Plenum
6	006T81-31190-24	006T88-31190-29	006T88-31190-D3	006T81-31190-A1	006T88-31190-A3	002T51-31390-24	002T58-31390-24
12	012T81-33190-24	012T88-33190-29	012T88-33190-D3	012T81-33190-A1	012T88-33190-A3		
24	024T81-33190-24	024T88-33190-29	024T88-33190-D3	024T81-33190-A1	024T88-33190-A3		

	Indoor/Outdoor Cable				
Fiber Count	FREEDM® One Cable *Up to 24F available*		FREEDM LST™ Cable *Up to 24F available*	FREEDM Loose Tube Cable *Riser available up to 288F/Plenum available up to 72F*	
	Riser	Plenum	Riser	Riser	Plenum
6	006T8F-31190-29	006T8P-31190-29	006TSF-T4190D20	006TUF-T4190D20	006TWP-T4190D20
12	012T8F-31190-29	012T8P-31190-29	012TSF-T4190D20	012TUF-T4190D20	012TWP-T4190D20
24	024T8F-31190-29	024T8P-31190-29	024TSF-T4190D20	024TUF-T4190D20	024TWP-T4190D20
48	048T8F-61190-29	048T8P-61190-29		048TUF-T4190D20	048TWP-T4190D20

Outdoor Cable	
ALTOS® Cable *Up to 288F available*	
Dielectric (FastAccess®)	Armored
006TU4-T4790D20	006TUC-T4190D20
012TU4-T4790D20	012TUC-T4190D20
024TU4-T4790D20	024TUC-T4190D20
048TU4-T4790D20	048TUC-T4190D20
072TU4-T4790D20	072TUC-T4190D20

Connectivity

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†	CCH-CS06-E6-P00QE	CCH-CS06-H3-P00QE
12	CCH-CS12-E4-P00QE	CCH-CS12-E6-P00QE	CCH-CS12-H3-P00QE
24	CCH-CS24-E4-P00QE		

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
FuseLite® 2 Connector	Maximum 0.30 dB	FL2-LC-900-OM4-6†	FL2-SC-900-OM4-6†	

Toolkits	
UniCam™ High-Performance Installation Toolkit	TKT-UNICAM-PFC
UCL KF4 Fusion Splicer/ FL2 Tool	KF4-COC1

**Add "-Z" to UniCam connector part number for 25/pack organizer pack (e.g., 95-050-99-Z). Includes boots for 900 µm only.*
†25 packs available of FuseLite 2 by changing the 6 to 25

OM4 (50 µm Multimode Fiber)

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

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

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-CS-02P-NH*	Environmental Distribution Center, holds two CCH splice cassettes, NEMA 4X
EDC-CS-06P-NH*	Environmental Distribution Center, holds six CCH splice cassettes, NEMA 4X
EDC-12P-NH*	Environmental Distribution Center, holds 12 CCH connector panels, NEMA 4X
ICH-CS-02P	Industrial Connector Housing, holds two CCH splice cassettes, NEMA 3S
ICH-CS-06P	Industrial Connector Housing, holds six CCH splice cassettes, NEMA 3S
ICH-12P	Industrial Connector Housing, holds 12 CCH connector panels, NEMA 3S

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

Cable Assemblies

2-Fiber Jumpers, Riser (M length*)	
050502Q512000xxxM†	LC Duplex to LC Duplex
575702Q512000xxxM†	SC Duplex to SC Duplex
505002Q512000xxxM†	ST® Compatible to ST Compatible
055702Q512000xxxM†	LC Duplex to SC Duplex
505702Q512000xxxM†	ST Compatible to SC Duplex

**Also available in feet*
xxx = jumper length
†Add "L" prefix for Core Jumpers

Please see **page 23** for compatible accessories

OS2 (Single-Mode Fiber)

Cables

Indoor Cable							
Fiber Count	MIC® Cable (Non-Armored) *Up to 24F available*		MIC DX Armored Cable (Nonmetallic) *Up to 24F available*	MIC Interlocking Armored Cable (Metallic) *Up to 24F available*		2.0-mm Zipcord Cable	
	Riser	Plenum	Plenum	Riser	Plenum	Riser	Plenum
6	006E81-31131-24	006E88-31131-29	006E88-31131-D3	006E81-31131-A1	006E88-31131-A3	002E51-31331-24	002E58-31331-24
12	012E81-33131-24	012E88-33131-29	012E88-33131-D3	012E81-33131-A1	012E88-33131-A3		
24	024E81-33131-24	024E88-33131-29	024E88-33131-D3	024E81-33131-A1	024E88-33131-A3		

ActiFi® Composite Cable		
Fiber Count	Part Number	Description
2	002Z48-21Z31MB2	Tight-Buffered Plenum, 20 AWG, 2 copper conductors
2	002Z68-21Y31MB2	Tight-Buffered Plenum, 16 AWG, 2 copper conductors
4	004Z48-41V31M29	Tight-Buffered Plenum, 18 AWG, 4 copper conductors
4	004ZDF-41W01M20	250 µm I/O Riser, 12 AWG, 4 copper conductors
6	006ZT8-61V01M20	250 µm Plenum, 18 AWG, 6 copper conductors
6	006ZT8-61Y01M20	250 µm Plenum, 16 AWG, 6 copper conductors
6	006ZTF-61Y01M20	250 µm I/O Riser, 16 AWG, 6 copper conductors
12	012ZT8-M1Y01MA3	250 µm Plenum with interlocking armor, 16 AWG, 12 copper conductors

Indoor/Outdoor Cable					
Fiber Count	FREEDM® One Cable *Up to 24F available*		FREEDM LST™ Cable *Up to 24F available*	FREEDM Loose Tube Cable *Riser available up to 288F/Plenum available up to 72F*	
	Riser	Plenum	Riser	Riser	Plenum
6	006E8F-31131-29	006E8P-31131-29	006ESF-T4101D20	006EUF-T4101D20	006EWP-T4101D20
12	012E8F-3113-29	012E8P-31131-29	012ESF-T4101D20	012EUF-T4101D20	012EWP-T4101D20
24	024E8F-31131-29	024E8P-31131-29	024ESF-T4101D20	024EUF-T4101D20	024EWP-T4101D20

Outdoor Cable				
Fiber Count	Outdoor SST-Ribbon™ Cable		ALTOS® Cable with Binderless FastAccess® Technology *Up to 72F available*	ALTOS Lite with FastAccess Technology *Up to 72F available*
	Dielectric	Armored	Dielectric	Armored
6	006ZC4-14100D53	006ZC5-14100D53		
12	012ZC4-14100D53	012ZC5-14100D53	012ZU4-T4F22D20*	012ZUC-T4F22D20*
24	024ZC4-14100D53	024ZC5-14100D53	024ZU4-T4F22D20*	024ZUC-T4F22D20*
48	048ZC4-14100D53	048ZC5-14100D53	048ZU4-T4F22D20*	048ZUC-T4F22D20*
72	07Z2C4-14100D53	072ZC5-14100D53	072ZU4-T4F22D20*	072ZUC-T4F22D20*
144	0144ZC4-14100D53	0144ZC5-14100D53		

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

OS2 (Single-Mode Fiber)

Connectivity

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		
36	CCH-CP36-AE		

Pigtailed Cassettes			
Fiber Count	LC	SC Duplex	ST Compatible
6	CCH-CS06-A9-P00RE	CCH-CS06-59-P00RE	CCH-CS06-6T-P00RE
12	CCH-CS12-A9-P00RE	CCH-CS12-59-P00RE	CCH-CS12-6T-P00RE
24	CCH-CS24-A9-P00RE		
36	CCH-CS36-AE-P00RJ		

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
FuseLite® 2 Connector	Maximum 0.30 dB	FL2-LCU-900-SM-6†	FL2-SCU-900-SM-6†	

Toolkits	
UniCam™ High-Performance Installation Toolkit	TKT-UNICAM-PFC
UCL KF4 Fusion Splicer/ FL2 Tool	KF4-COC1

**Add "-Z" to UniCam connector part number for 25/pack organizer pack (e.g., 95-050-99-Z). Includes boots for 900 µm only.*
†25 packs available of FuseLite 2 by changing the 6 to 25

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

Hardware Accessories	
CCHA-LOCK-KIT	Hardware Lock Kit for CCH and WCH housings only
HDWR-GRND-KIT	Hardware Grounding Kit for LANscape 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-CS-02P-NH*	Environmental Distribution Center, holds two CCH splice cassettes, NEMA 4X

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

OS2 (Single-Mode Fiber)

Hardware

Wall-Mountable Hardware (cont.)	
EDC-12P-NH*	Environmental Distribution Center, holds 12 CCH connector panels, NEMA 4X
ICH-CS-02P	Industrial Connector Housing, holds two CCH splice cassettes, NEMA 3S
ICH-CS-06P	Industrial Connector Housing, holds six CCH splice cassettes, NEMA 3S
ICH-12P	Industrial Connector Housing, holds 12 CCH connector panels, NEMA 3S
SPH-CS12-A9-P00RE	Single-Panel Housing with Panel and 12 single-mode LC UPC pigtails pre-installed
SPH-CS24-A9-P00RE	Single-Panel Housing with Panel and 24 single-mode LC UPC pigtails pre-installed

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

Cable Assemblies

2-Fiber Jumpers, Riser (M length*)	
040402G512000xxxM†	LC Duplex to LC Duplex
727202G512000xxxM†	SC Duplex to SC Duplex
616102G512000xxxM†	ST® Compatible to ST Compatible
047202G512000xxxM†	LC Duplex to SC Duplex
617202G512000xxxM†	ST Compatible to SC Duplex

**Also available in feet*
xxx = jumper length
†Add "L" prefix for Core Jumpers

Please see **page 23** for compatible accessories

Accessories

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
FUR-XXF (12/24)	(12/24) Universal Routing Kit for 12 and 24F Loose Tube Cable

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

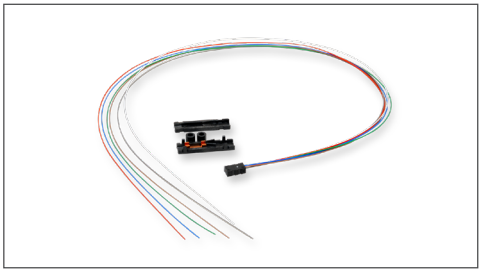
Splice Closures	
80611486608	Fiber Optic Splice Case 2178-S, 96 single-fusion/288 mass-fusion capacity
80611486525	Fiber Optic Splice Case 2178-LS, 288 single-fusion/864 mass-fusion capacity with four cable entry kits and four ground lugs
80611622681	533 SLiC® Fiber Aerial Closure with no tray

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

Accessories for SLiC Closures	
2527	Fiber Optic Splice Tray, compatible with 24 single-fusion or 144 mass-fusion splices
SLIC-AC-HB2	Extended Hanger Bracket

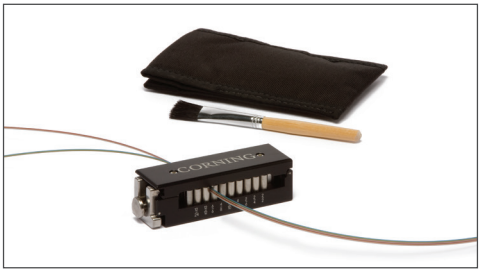
Accessories for 2178 Closures	
2181-LS	Cable Addition Kit for fiber optic splice case 2178-LS series
2543-D-288RF Tray	Fiber Optic Splice Tray, 288 ribbon-fiber capacity
2534-D-96SF tray	Fiber Optic Splice Tray, 96 single-fusion capacity

Ribbon Cable Accessories	
RST	Ribbon Splitting Tool
UAT-3	Universal Access Tool
HFC-FURC-KIT-C	Base Furcation Kit (Bulk Splicing)
HFC-FURC-KIT-SUP-1	Supplemental Furcation Kit (Field Termination)



Buffer Tube Fan-Out Kit

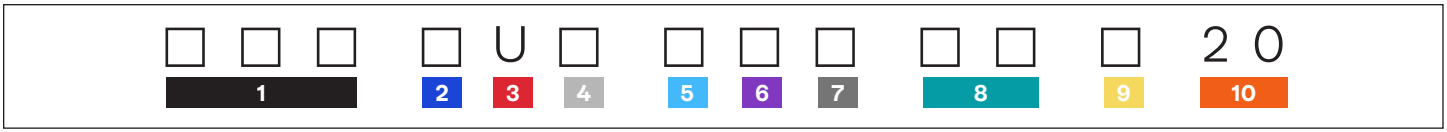
LC Port Cleaner



Ribbon Splitting Tool

Build a Part Number

ALTOS® Outdoor Cable



1 Select fiber count

ALTOS® Dielectric
- Single jacket with FastAccess® binderless technology (12-72)
- Single jacket with FastAccess (6-288)
- Single jacket (6-432)
- Double jacket (6-288)

ALTOS Armored
- Single jacket, single armor with FastAccess (12-72)
- Single jacket, single armor (6-432)
- Double jacket, double armor (12-288)
- Triple jacket, double armor (12-288)

ALTOS Low Temperature
- Single jacket (12-288)
- Single jacket, single armor (12-288)
- Double jacket, single armor (12-288)

2 Select fiber code

K = 62.5 µm Multimode (OM1)
T = 50 µm Multimode (OM2/OM3/OM4)
E = Single-mode (G.652.D)
L = Single-mode (G.652.D) Corning® SMF-28e+® LL
Z = Single-mode (G.652.D/G.657.A1) Corning® SMF-28® Ultra
P = Single-mode (G.652) SMF-28 ULL
F = Single-mode (G.655) Corning® LEAF®

**Non-zero dispersion-shifted single-mode fiber*

3 Defines cable type

U = ALTOS loose tube cable with 2.55 mm buffer tubes

4 Select outer jacket.

4 = All-dielectric
5 = Double jacket, single armor
6 = Triple jacket, double armor (12-216)
C = Single jacket, single armor (6-288)
D = Double jacket, double armor (12-216)
E = Double jacket, all-dielectric

5 Select fiber placement

T = 12 fibers/buffer tube (standard)
6 = 6 fibers/buffer tube

6 Select length markings

3 = Markings in meters
4 = Markings in feet (standard)

7 Select tensile strength/ special jacket feature

1 = 2700N/600 lbf (standard)
7 = ALTOS cable with FastAccess technology
F = Binderless FastAccess technology

8 Select performance option code

30 = 62.5 µm Multimode (OM1)
31 = 50 µm Multimode (OM2)
80 = 50 µm Multimode (OM3)
90 = 50 µm Multimode (OM4)
01 = Single-mode (OS2) (max. attenuation 0.4/0.4/.03 dB/km)
00 = Single-mode (OS2) (max. attenuation 0.4/0.4/.03 dB/km)
22 = Single-mode (OS2) (max. attenuation 0.4/0.4/.03 dB/km)
19 = Single-mode (Ultra Low-Loss) (max. attenuation 0.4/0.4/.03 dB/km)
01 = Single-mode NSDSF* (max. attenuation 0.4/0.4/0.03 dB/km)

9 Select cable type

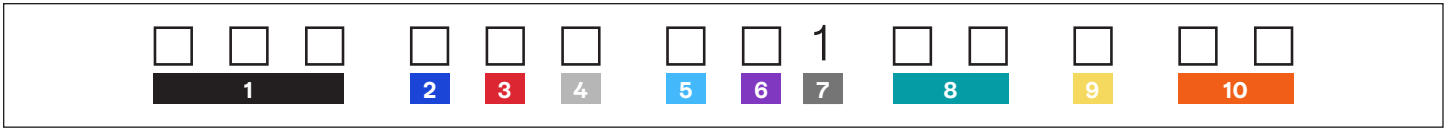
D = Gel-free cable
A = Gel-filled cable
F = ALTOS gel-free low-temperature cable
C = ALTOS gel-filled low-temperature cable

10 Defines special requirements

20 = No special requirements

How to Build a Cable Part Number

FREEDM®/LSZH™ Indoor/Outdoor Loose Tube Cable



1 Select fiber count

FREEDM®
- Plenum (12-72)
- Riser (12-288)

FREEDM with Interlocking Armor
- Plenum (12-72)
- Riser (12-288)

FREEDM LST™
- Plenum (2-12)
- Riser (2-24)

FREEDM LST with Interlocking Armor
- Riser (2-24)

LSZH™
- Single jacket (12-288)
- Double jacket (12-288)
- Corrugated armor (12-288)
- Interlocking armor (12-288)
- Double jacket rodent-resistant (12-288)

Industrial LSZH Tray-Rated
- Single jacket (12-288)
- Double jacket (12-288)
- Double jacket, corrugated armor (12-288)
- Double jacket, interlocking armor (12-288)
- Double jacket rodent-resistant (12-288)
- Mining and petrochemical (12-288)
- Oil-resistant armor (12-288)
- Oil-resistant light armor (12-288)

2 Select fiber code

K = 62.5 µm Multimode (OM1)
T = 50 µm Multimode (OM2/OM3/OM4)
E = Single-mode (G.652.D) Corning® SMF-28e+®
Z = Single-mode (G.652.D/G.657.A1) Corning® SMF-28® Ultra bend-insensitive fiber

3 Select cable type

U = FREEDM riser loose tube gel-free
S = FREEDM LST gel-free ⩽ 12
W = FREEDM plenum loose tube gel-free

4 Select outer jacket

K = LSZH/riser double jacket
L = LSZH double jacket
V = LSZH double jacket, corrugated single armor
Z = LSZH single jacket
P = Indoor/outdoor plenum
F = Indoor/outdoor riser

5 Select fiber placement

T = 12 fibers/buffer tube (standard)
6 = 6 fibers/buffer tube

6 Select length markings

3 = Markings in meters
4 = Markings in feet (standard)

7 Defines tensile strength/special jacket feature

1 = See specifications

8 Select performance option code

30 = 62.5 µm Multimode (OM1)
31 = 50 µm Multimode (OM2)
80 = 50 µm Multimode (OM3)
90 = 50 µm Multimode (OM4)
91 = 50 µm Multimode (OM4+)
01 = Single-mode (OS2)

9 Select cable type

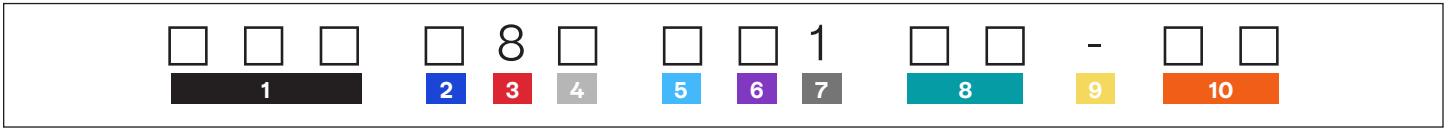
D = FREEDM loose tube gel-free cable
A = Loose tube gel-filled cable
C = Loose tube gel-filled cable
F = Loose tube gel-free cable, low-temperature

10 Select special requirements

20 = No special requirements
A1 = Interlocking armor with riser-rated outer jacket
A3 = Interlocking armor with plenum-rated outer jacket
2N = Tray-rated/industrial
2M = Mining and petrochemical
AN = Industrial cable with interlocking armor
AZ = LSZH with interlocking armor
FZ = Rodent-resistant

How to Build a Cable Part Number

FREEDM® One Indoor/Outdoor Tight-Buffered Cable



1 Select fiber count

FREEDM® One
Plenum (2-24)
Riser (2-24)
FREEDM One with Interlocking Armor
Plenum (2-24)
Riser (2-24)
FREEDM One Unitized
Plenum (72-144)
Riser (72-144)
FREEDM One Unitized with Interlocking Armor
Plenum (72-144)
Riser (72-144)

2 Select fiber code

K = 62.5 µm Multimode (OM1)
T = 50 µm Multimode (OM2/OM3/OM4)
E = Single-mode (G.652.D) Corning® SMF-28e+®
Z = Single-mode (G.652.D/G.657.A1) Corning® SMF-28® Ultra bend-insensitive fiber

3 Defines cable type

8 = FREEDM One cable

4 Select outer jacket.

P = Indoor/outdoor plenum
F = Indoor/outdoor riser

5 Defines fiber placement

3 = Standard for FREEDM One plenum and riser cables
6 = 6-fiber subunits for 36 and 48 fibers
T = 12-fiber subunits for 72 fibers
Y = 24-fiber subunits for 96 and 144 fibers

6 Defines length markings

1 = Marking in feet (standard) ≤ 24, 36, and 48 fibers
3 = Marking in ft for 72, 96, and 144 fibers

7 Defines tensile strength/ special jacket feature

1 = See specifications

8 Select performance option code

30 = 62.5 µm Multimode (OM1)
31 = 50 µm Multimode (OM2)
80 = 50 µm Multimode (OM3)
90 = 50 µm Multimode (OM4)
91 = 50 µm Multimode (OM4+)
31 = Single-mode (OS2)*
(max. attenuation 0.65/0.65/0.05 dB/km)

9 Defines cable type

- = FREEDM One cable

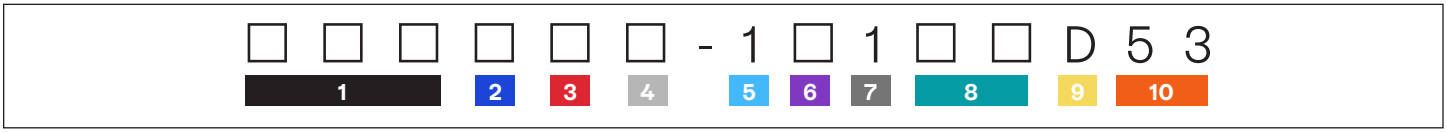
10 Select special requirements

29 = No special requirements
A1 = Interlocking armor with riser-rated outer jacket
A3 = Interlocking armor with plenum-rated outer jacket

Note: This cable is available in 12 different jacket colors – blue, orange, green, brown, slate, white, red, black, yellow, violet, rose and aqua. The colored jacket allows for easy visual identification of the cables while still providing all of the required environmental protection of an indoor/outdoor cable jacket. Black is the standard jacket color using the part numbers shown here. Contact Customer Care at 1-800-743-2675 to order other color options.

How to Build a Ribbon Part Number

SST-Ribbon™ Gel-Free Cables SST-UltraRibbon™ Gel-Free Cables



1 Select fiber count

Note: 024-216 is for the SST-Ribbon™ cable and 288-864 is for the SST-UltraRibbon™ cable type

024	144	432
048	216	576
072	288	720
096	360	864

2 Defines fiber type

E = Single-mode (OS2) Corning® SMF-28e+®
Z = Single-mode (OS2) Corning® SMF-28® Ultra fiber

3 Defines cable type

C= SST-Ribbon
V= SST-UltraRibbon

4 Select cable type

4 = All-dielectric
5 = Single-jacket, single-armored

5 Defines fiber placement

1 = Standard for ribbon cables

6 Defines length markings

4 = Markings in feet (standard)
3 = Markings in meters

7 Defines tensile strength

1 = 2700N/600 lb (standard)

8 Select performance option code

01 = Single-mode (OS2)
(Max. attenuation 0.4/0.4/0.3 dB/km)
00 = Single-mode (OS2)
(Max. attenuation 0.35/0.35/0.25 dB/km)

9 Defines cable type

D = Gel-Free Cable

10 Defines special requirements

53 = Standard jacket print plus SOC code

How to Build an Indoor Part Number

MIC® Indoor Tight-Buffered Cable

□ □ □ □ 8 □ □ □ 1 □ □ - □ □

1 2 3 4 5 6 7 8 9 10

1 Select fiber count

MIC®
Plenum (2-24)
Riser (2-24)
MIC with Interlocking Armor
Plenum (2-24)
Riser (2-24)
MIC DX
Plenum ONLY (6-24)
MIC Unitized
Plenum (36-144)
Riser (36-144)
MIC Unitized with Interlocking Armor
Plenum (36-144)
Riser (36-144)

2 Select fiber code

K = 62.5 µm Multimode (OM1)
T = 50 µm Multimode (OM2/OM3/OM4)
E = Single-mode (G.652.D) Corning® SMF-28e+®
Z = Single-mode (G.652.D/G.657.A1) Corning® SMF-28® Ultra bend-insensitive fiber

3 Defines cable type

8 = Standard for MIC cable

4 Select outer jacket

1 = Standard for riser
8 = Standard for plenum

5 Select fiber code

3 = Standard ≤ 24 fibers
6 = 6 fibers per subunit (36 and 48 fibers)
T = 12 fibers per subunit (60 and 72 fibers)
Y = 24 fibers per subunit (96 and 144 fiber)

6 Select length markings

2-24F
1 = Markings in feet (fiber counts ≤ 10)
3 = Markings in feet (fiber counts > 10)
36-144F
1 = Markings in feet for 36-48
3 = Marking in feet for 60, 72, 96, and 144 fibers

7 Defines tensile strength/ special jacket feature

1 = See specifications

8 Select performance option code

30 = 62.5 µm Multimode (OM1)
31 = 50 µm Multimode (OM2)
80 = 50 µm Multimode (OM3)
90 = 50 µm Multimode (OM4)
91 = 50 µm Multimode (OM4+)
01 = Single-mode (OS2)

9 Defines cable type

- = Standard for MIC cable

10 Select special requirements

24 = Standard for MIC riser
29 = Standard for MIC plenum
A1 = Aluminum interlocking armor with riser-rated outer jacket
A3 = Aluminum interlocking armor with plenum-rated outer jacket
D3 = All-dielectric armor plenum

How to Build an ActiFi® Part Number

ActiFi Flame Retardant Composite Cable

☐	☐	☐	☐	☐	☐	-	☐	☐	☐	☐	☐	M	☐	☐
1			2	3	4		5	6	7	8	9		10	

1 Select fiber count

002 = 2 fiber
004 = 4 fiber
006 = 6 fiber
008 = 8 fiber
012 = 12 fiber
024 = 24 fiber

2 Select fiber type

U = Corning® ClearCurve® ZBL (OS2)
Z = Corning® SMF-28® Ultra fiber (OS2)

3 Select cable construction

4 = 900 µm tight-buffered fiber
6 = Single-fiber cable 2.0 mm
T = MIC® Loose Tube
D = 3.0 mm MIC 250

4 Defines outer jacket

8 = Plenum indoor
F = Indoor/outdoor riser

5 Select number of copper conductors

2 = 2 conductors
4 = 4 conductors
6 = 6 conductors
M = 12 conductors

6 Select unit of measure

1 = Feet
2 = Meter

7 Select cable construction

W = 3.0 mm MIC Loose Tube with 12 AWG
X = 3.0 mm MIC Loose Tube with 14 AWG
Y = MIC Loose Tube with 16 AWG
V= MIC Loose Tube with 18 AWG
Z = MIC Loose Tube with 20 AWG

8 Select performance option code

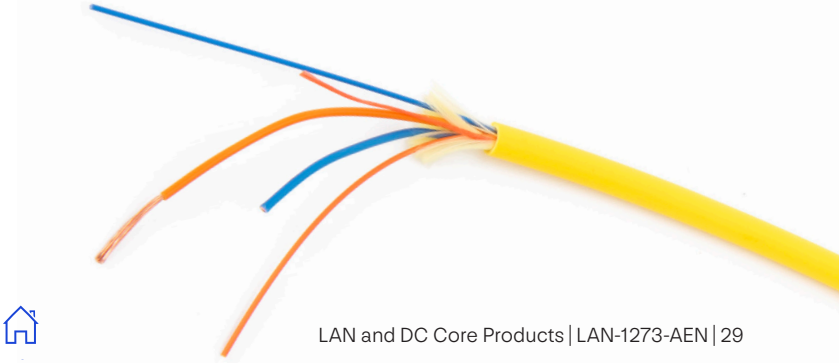
01 = Single-mode (OS2) loose tube
31 = Single-mode (OS2) tight buffer

9 Defines cable construction

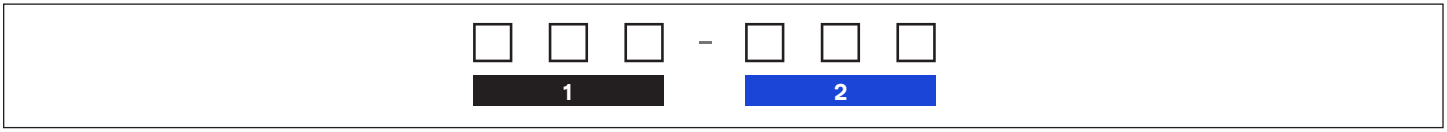
M = Hybrid (composite) cable

10 Select print code

20 =No special requirements, loose tube
29 =No special requirements, tight buffer
A3 =Interlocking armor with plenum-rated outer jacket
A1 = Interlocking armor w/ riser-rated outer jacket



How to Build a Housing Part Number



1 Select housing type

Rack-mountable housing
CCH = Closet connector housing

Wall-mountable housing
WCH = Wall-mountable connector housing
ICH = Industrial connector housing (NEMA 3S & IP64)
EDC = Environmental distribution housing (NEMA 4X & IP66)

2 Select quantity

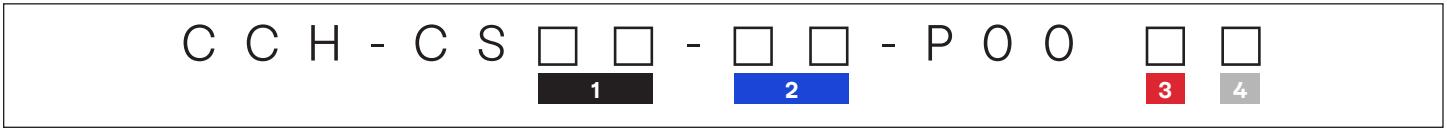
Rack-mountable housing number of rack units

01U = 1 rack unit	03U = 3 rack units
02U = 2 rack units	04U = 4 rack units

Wall-mountable housing number of panels

01P = 2 panels	06P = 6 panels
04P = 4 panels	12P = 12 panels

How to Build a CCH Pigtailed Cassette Part Number



1 Select fiber count*

06 = 6 fibers	24 = 24 fibers
12 = 12 fibers	36 =36 fibers†

2 Select adapter code‡

(See Adapter/Connector Code Options table on page 32).

3 Select fiber type

K = 62.5 µm Multimode (OM1)	Q = 50 µm Multimode (OM4)
T = 50 µm Multimode (OM3)	R = Single-mode (OS2)

4 Select splicing type

E = Single-fiber splicing
J = Ribbon splicing (only for fiber counts of 12 or 24)

**Available fiber count for desired adapter is available in table on page 30.*
†Only available for Ribbons in OS2 fiber type
‡Shuttered LC only available in OS2/OM3/OM4.

How to Build a CCH Panel Part Number

C C H - C P ☐ ☐ - ☐ ☐
1 2

1 Select fiber count*

06 = 6 fibers
12 = 12 fibers
24 = 24 fibers
36 = 36 fibers
72 = 72 fibers
96 = 96 fibers
E4 = 144 fibers

Available fiber count for desired adapter is available in table on page 32.
†Shuttered LC only available in OS2/OM3/OM4.

2 Select adapter code†

(See Adapter/Connector Code Options table on page 30).

CCH-CS-PST

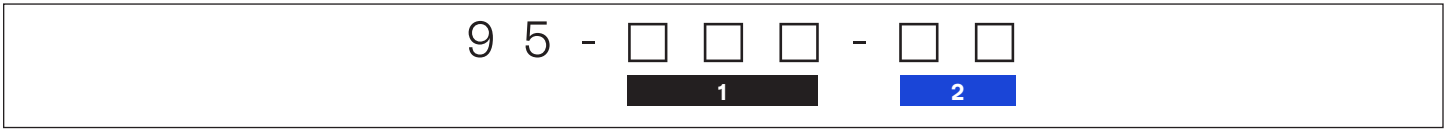
CCH Cassette Pass-Through Splicing Applications, 24F

Adapter/Connector Code Options

Adapter Code	Fiber Type	Alignment	Housing	Fiber per Adapter	Available Fiber/Panel Counts								
					6	8	12	16	24	36	72	96	144
Shuttered LC Duplex													
AE	Single-mode UPC (OS2)	Ceramic	Composite	2			x		x	x			
AD	50 µm Multimode (OM3/OM4)	Ceramic	Composite	2			x		x				
LC Duplex													
A8	62.5 µm Multimode (OM1)	Ceramic	Composite	2	x	x	x	x	x				
D3	50 µm Multimode (OM2)	Ceramic	Composite	2	x	x	x	x	x				
E4	50 µm Multimode (OM3/OM4)	Ceramic	Composite	2	x	x	x	x	x				
A9	Single-mode UPC (OS2)	Ceramic	Composite	2	x	x	x	x	x				
B3	Single-mode APC (OS2)	Ceramic	Composite	2	x	x	x	x	x				
SC Duplex													
91	62.5 µm Multimode (OM1)	Metal	Composite	2	x	x	x						
G7	50 µm Multimode (OM2)	Ceramic	Composite	2	x	x	x						
E7	50 µm Multimode (OM3/OM4)	Ceramic	Composite	2	x	x	x						
59	Single-mode UPC (OS2)	Ceramic	Composite	2	x	x	x						
D9	Single-mode APC (OS2)	Ceramic	Composite	2	x	x	x						
SC													
56	62.5 µm Multimode (OM1)	Metal	Composite	1	x	x	x						
G6	50 µm Multimode (OM2)	Ceramic	Composite	1	x	x	x						
E6	50 µm Multimode (OM3/OM4)	Ceramic	Composite	1	x	x	x						
3C	Single-mode UPC (OS2)	Ceramic	Composite	1	x	x	x						
6C	Single-mode APC (OS2)	Ceramic	Composite	1	x	x	x						
ST® Compatible Connector													
5T	62.5 µm Multimode (OM1)	Ceramic	Metal	1	x	x	x						
G5	50 µm Multimode (OM2)	Ceramic	Metal	1	x	x	x						
H3	50 µm Multimode (OM3/OM4)	Ceramic	Metal	1	x	x	x						
6T	Single-mode UPC (OS2)	Ceramic	Metal	1	x	x	x						
MTP® Connector													
69	62.5 µm Multimode (OM1)	N/A	Composite	12						x	x	x	x
G3	50 µm Multimode (OM2)	N/A	Composite	12						x	x	x	x
E3	50 µm Multimode (OM3/OM4)	N/A	Composite	12						x	x	x	x
90	Single-mode UPC (OS2)	N/A	Composite	12						x	x	x	x

Fiber Type	Housing Color	Housing Color, MTP®
62.5 µm Multimode (OM1)	Beige	Black
50 µm Multimode (OM2)	Black	Black
50 µm Multimode (OM3/OM4)	Aqua	Aqua
Single-mode UPC (OS2)	Blue	Black
Single-mode APC (OS2)	Green	Black

How to Build a UniCam® Connector Part Number



1 Fiber type

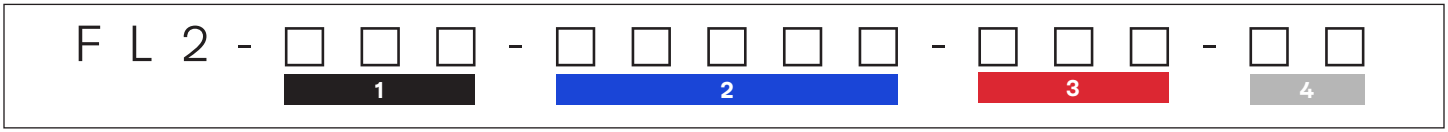
000 = 62.5 µm
050 = 50 µm
200 = 8.3 µm (OS2)

2 Connector type*

99 = LC
99-X = LC (OM3/OM4)
94 = LC APC
41 = SC
41-X = SC (OM3/OM4)
44 = SC APC
51 = ST® compatible
51-X = ST (OM3/OM4)

**add -Z for Z pack (Qty 25)*

How to Build a FuseLite® 2 Splice-On Connector Part Number



1 Select connector type

SC (MM), SCU or SCA (SM)
LC (MM), LCU or LCA (SM)
ST® (MM) or STU (SM)

2 Select cable construction

900 µm = 900
2 mm = 2 MM (LC Only)
2/3 mm = 2-3 MM (SC or ST)

3 Select select fiber type

OM1
OM4
SM

4 Select number of connectors

06 = 6-pack of connectors
25 = 25-pack or connectors

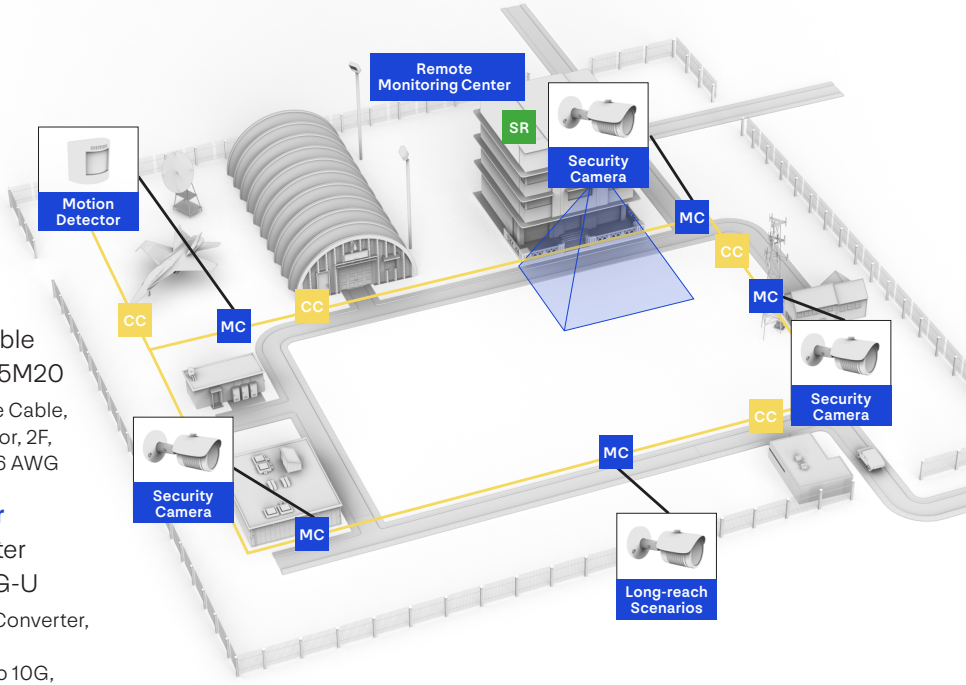
Long-Reach Applications

Security cameras across a parking area, blanket Wi-Fi throughout a campus, and access controls around a perimeter are just a few examples of technologies that test the 100-meter distance limitation of Category cable networks. These network limitations lead to maxed-out pathways, space constraints, and costly local power outlets. Enabling these seemingly simple devices often takes a network deployment that can be quite complex.

To learn more, visit us at **www.corning.com/longreach**

Fiber to the Edge

Long-Reach Networking: Media Convert Solution



SR Security Room

1. Closet Connector Housing CCH-04U

   Four rack units, holds 12 CCH connector panels

2. Corning Intelligent Power CIP-16-56V or CIP-32-56V

   16 or 32 channels, manageable, rack mountable

3. Media Converter 1LAN-FMC-10G-U

   10G HPoE Media Converter, supports 90 W PoE++, up to 10G, DIN rail mountable

CC Campus Cabling

4. ActiFi® Composite Cable 002ZTF-D1035M20

   ActiFi® Composite Cable, loose tube, outdoor, 2F, 2 Cu conductor, 16 AWG

MC Media Converter

5. Media Converter 1LAN-FMC-10G-U

   10G HPoE Media Converter, supports 90 W PoE++, up to 10G, DIN rail mountable

NB: Outdoor CAT 6A patch cords will also be required.

1

Closet Connector Housing (CCH)

2

Corning Intelligent Power (CIP)

3 + 5

Media Converter

4

ActiFi Composite Cable

Data Center Solutions

Whether you are operating an **Enterprise, Multitenant,** or **Hyperscale** data center Corning is your trusted ally in building a future-ready, secure, and cost-effective network infrastructure. We offer the tools, resources, and support required to empower the world with cutting-edge solutions. Some of our innovative solutions include EDGE™ and EDGE8® Solutions, Centrix™ System Solutions, Flow Ribbon Cable, MMC Connectors and Glassworks AI™.

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

Types of Data Centers We Support

M Multitenant Data Center
Supporting Centrix™ Secure Cabinet and other Centrix System Solutions

E Enterprise Data Center
Supporting EDGE™ and EDGE8® solutions

AI AI Leased Data Center
Supporting GlassWorks AI™ and products like EDGE Rapid Connect, and EDGE Distribution System

H Hyperscale Data Center
Supporting GlassWorks AI and and products like MMC Connectors and Flow Ribbon Cable

Enterprise and Multitenant Data Centers

Enterprise and multitenant data centers are at the forefront of managing the ever-growing demands of modern technology. Corning is committed to providing innovative solutions that are reliable, cost-effective, and scalable to fit market needs. Our EDGE and EDGE8 portfolio offers high-density, modular connectivity that simplifies installation with enhanced performance. Additionally, our Centrix™ system offers a range of features and benefits tailored to meet the demands of modern colocation environments, especially in the meet-me-room.

A Solution for Every Data Center

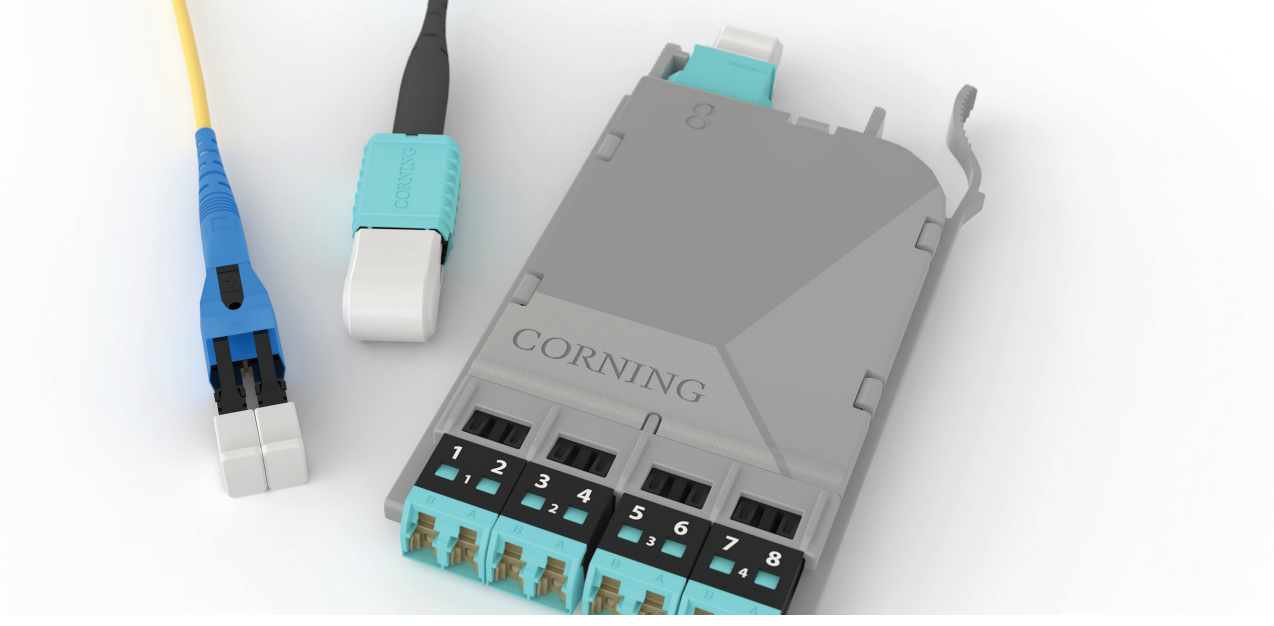
EDGE™ and EDGE8® solutions offer a family of modular, tip-to-tip connectivity options that are uniquely configurable. Our solutions include cabling, housings, modules, panels, and jumpers.

EDGE and EDGE8 offer faster, simpler installation, higher density, superior cable management, easier moves, adds, and changes (MACs), as well as more flexible migration paths than competing data center solutions.

While EDGE and EDGE8 both use MTP® connectivity for trunking, EDGE uses Base-12 MTPs (MTP12) where EDGE8 uses Base-8 MTPs (MTP8). EDGE8 allows for a seamless transition from LC to MTP based active components with no fiber going unused.

EDGE8 Housing

To learn more, visit us at
www.corning.com/edge8



Corning takes care of the cleaning process for you!

As a leader in optical fiber and connectivity, Corning understands the value of clean connectors. That's why we developed a new factory cleaning and sealing process, Corning® CleanAdvantage™ technology, ensuring a pristine end face upon first use for all our EDGE™ and EDGE8® solutions. So, go ahead and uncap that CleanAdvantage connector and connect with confidence.

Save up to **17%** install time

No need for cleaning or visual inspection before the first install.

Save up to **95%** on consumables

No cleaning pens, cassettes, or wipes necessary.

Minimizes debris transfer

Reduces the risk of debris transfer on the end face, minimizing signal degradation.

Standardized offering

EDGE™
EDGE8®

High density paired with high performance at no extra cost.

Learn more at **www.corning.com/cleanadvantage**

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	0.15	0.15	0.25
MTP® Connector	0.35	0.35	0.75
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 www.corning.com/wide-band-multimode

OM4 50 µm Multimode
Fiber EDGE™ Solutions

EDGE™ Solutions: OM4 (50 µm Multimode Fiber)

Trunks/Harnesses

Non-Armored Plenum Trunks with Corning® CleanAdvantage™, 33-in Leg Length, Non-Pinned MTP® PRO to Non-Pinned MTP PRO with Push-Pull Boot, Pulling Grip One Side	
Fiber Count	Catalog Part Number
12	G757512QPNDDUxxxF
24	G757524QPNDDUxxxF
48	G757548QPNDDUxxxF
72	G757572QPNDDUxxxF
96	G757596QPNDDUxxxF
144	G7575E4QPNDDUxxxF
192	G7575K2QPNDDUxxxF
288	G7575U8QPNDDUxxxF
432	G7575AKQPNDDUxxxF
576	G7575AZQPNDDUxxxF

Notes:
- *xxx = cable length of 005-999 ft.*
- *1-ft increments measured from furcation plug to furcation plug.*
- *Lengths beyond 999 ft available.*

Harnesses with CleanAdvantage – Pinned	
H937912QPH-1AxxxF	EDGE™ MTP® to LC Staggered Harness, 12F, 50 µm multimode (OM4), MTP PRO with push-pull boot (pinned) to LC uniboot, type-A polarity, type 1 stagger, xxx ft
H937912QPH-2AxxxF	EDGE MTP to LC Staggered Harness, 12F, 50 µm multimode (OM4), MTP PRO with push-pull boot (pinned) to LC uniboot, type-A polarity, type 2 stagger, xxx ft
H937912QPH-3AxxxF	EDGE MTP to LC Staggered Harness, 12F, 50 µm multimode (OM4), MTP PRO with push-pull boot (pinned) to LC uniboot, type-A polarity, type 3 stagger, xxx ft
H937912QPH-4AxxxF	EDGE MTP to LC Staggered Harness, 12F, 50 µm multimode (OM4), MTP PRO with push-pull boot (pinned) to LC uniboot, type-A polarity, type 4 stagger, xxx ft
H937912QPH-5AxxxF	EDGE MTP to LC Staggered Harness, 12F, 50 µm multimode (OM4), MTP PRO with push-pull boot (pinned) to LC uniboot, type-A polarity, type 5 stagger, xxx ft

Harnesses with CleanAdvantage – Non-Pinned	
H757912QPH-1BxxxF	EDGE MTP to LC Staggered Harness, 12F, 50 µm multimode (OM4), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-B polarity, type 1 stagger, xxx ft
H757912QPH-2BxxxF	EDGE MTP to LC Staggered Harness, 12F, 50 µm multimode (OM4), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-B polarity, type 2 stagger, xxx ft
H757912QPH-3BxxxF	EDGE MTP to LC Staggered Harness, 12F, 50 µm multimode (OM4), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-B polarity, type 3 stagger, xxx ft
H757912QPH-4BxxxF	EDGE MTP to LC Staggered Harness, 12F, 50 µm multimode (OM4), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-B polarity, type 4 stagger, xxx ft
H757912QPH-5BxxxF	EDGE MTP to LC Staggered Harness, 12F, 50 µm multimode (OM4), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-B polarity, type 5 stagger, xxx ft

Notes:
- *For stagger selection, reference applications engineering note AEN157.*
- *xxx = harness length up to 20 ft.*

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 with Clean Advantage	
ECM-UM12-05-93Q	12-Fiber LC Duplex to Pinned MTP
ECM-UM12-05-93Q-ULL	Ultra-Low-Loss 12-Fiber LC Duplex to Pinned MTP (4 pack)

Tap Modules	
ETM-5A-Q	EDGE Tap Module, type-A (LC to LC), OM4, 50/50 split ratio (4 pack)
ETM-5B-Q	EDGE Tap Module, type-B (MTP to LC), OM4, 50/50 split ratio (4 pack)
ETM-5C-Q	EDGE Tap Module, type-C (MTP to MTP), OM4, 50/50 split ratio (4 pack)
ETM-7A-Q	EDGE Tap Module, type-A (LC to LC), OM4, 70/30 split ratio (4 pack)
ETM-7B-Q	EDGE Tap Module, type-B (MTP to LC), OM4, 70/30 split ratio (4 pack)
ETM-7C-Q	EDGE Tap Module, type-C (MTP to MTP), OM4, 70/30 split ratio (4 pack)

EDGE Module

EDGE Tap Module

EDGE 4U Housing

EDGE™ Solutions: OM4 (50 µm Multimode Fiber)

Hardware/Jumpers

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

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-P70-01M	Reverse Polarity LC Uniboots, 1 m, Qty 70
7979-OM4-P70-02M	Reverse Polarity LC Uniboots, 2 m, Qty 70
7979-OM4-P70-03M	Reverse Polarity LC Uniboots, 3 m, Qty 70

Note: Other lengths available for jumper in a box, ask SE/Customer Care

Non-Pinned MTP® PRO to Non-Pinned MTP PRO with Push-Pull Boot Jumpers and Corning® CleanAdvantage™	
J757512QE8-NAxxxF	Type-A Jumper, xxx ft
J757512QE8-NBxxxF	Type-B Jumper, xxx ft

Non-Pinned MTP PRO to Pinned MTP PRO with Push-Pull Boot Jumpers and CleanAdvantage	
J759312QE8-NAxxxF	Type-A Jumper, xxx ft
J759312QE8-NBxxxF	Type-B Jumper, xxx ft

Pinned MTP PRO to Pinned MTP PRO with Push-Pull Boot Jumpers and CleanAdvantage	
J939312QE8-NAxxxF	Type-A Jumper, xxx ft
J939312QE8-NBxxxF	Type-B Jumper, xxx ft

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

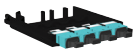
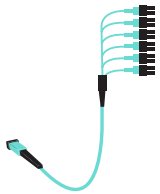
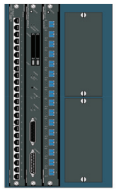
Additional Products

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, 10 empty exchanger (without pins)
MTPPRO-PEX-MME-PINS	MTP PRO Pin Exchanger Kit, Multimode MTP Elite, 10 loaded exchangers (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
								

OS2 Single-Mode Fiber
EDGE™ Solutions

EDGE™ Solutions: OS2 (Single-Mode Fiber)

Trunks/Harnesses

Non-Armored Plenum Trunks with Corning® CleanAdvantage™, 33-in Leg Length, Non-Pinned MTP® PRO to Non-Pinned MTP PRO with Push-Pull Boot, Pulling Grip One Side	
Fiber Count	Catalog Part Number
12	G909012GPNDDUxxxF
24	G909024GPNDDUxxxF
48	G909048GPNDDUxxxF
72	G909072GPNDDUxxxF
96	G909096GPNDDUxxxF
144	G9090E4GPNDDUxxxF
192	G9090K2GPNDDUxxxF
288	G9090U8GPNDDUxxxF
432	G9090AKGPNDDUxxxF
576	G9090AZGPNDDUxxxF

Notes:
- *xxx = cable length of 005-999 ft.*
- *1-ft increments measured from furcation plug to furcation plug.*
- *Lengths beyond 999 ft available.*

Harnesses with CleanAdvantage – Pinned	
H897812GPH-1AxxxF	EDGE™ MTP® to LC Staggered Harness, 12F, single-mode (OS2), MTP PRO with push-pull boot (pinned) to LC uniboot, type-A polarity, type 1 stagger, xxx ft
H897812GPH-2AxxxF	EDGE MTP to LC Staggered Harness, 12F, single-mode (OS2), MTP PRO with push-pull boot (pinned) to LC uniboot, type-A polarity, type 2 stagger, xxx ft
H897812GPH-3AxxxF	EDGE MTP to LC Staggered Harness, 12F, single-mode (OS2), MTP PRO with push-pull boot (pinned) to LC uniboot, type-A polarity, type 3 stagger, xxx ft
H897812GPH-4AxxxF	EDGE MTP to LC Staggered Harness, 12F, single-mode (OS2), MTP PRO with push-pull boot (pinned) to LC uniboot, type-A polarity, type 4 stagger, xxx ft
H897812GPH-5AxxxF	EDGE MTP to LC Staggered Harness, 12F, single-mode (OS2), MTP PRO with push-pull boot (pinned) to LC uniboot, type-A polarity, type 5 stagger, xxx ft

Harnesses with CleanAdvantage – Non-Pinned	
H907812GPH-1BxxxF	EDGE MTP to LC Staggered Harness, 12F, single-mode (OS2), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-B polarity, type 1 stagger, xxx ft
H907812GPH-2BxxxF	EDGE MTP to LC Staggered Harness, 12F, single-mode (OS2), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-B polarity, type 2 stagger, xxx ft
H907812GPH-3BxxxF	EDGE MTP to LC Staggered Harness, 12F, single-mode (OS2), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-B polarity, type 3 stagger, xxx ft
H907812GPH-4BxxxF	EDGE MTP to LC Staggered Harness, 12F, single-mode (OS2), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-B polarity, type 4 stagger, xxx ft
H907812GPH-5BxxxF	EDGE MTP to LC Staggered Harness, 12F, single-mode (OS2), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-B polarity, type 5 stagger, xxx ft

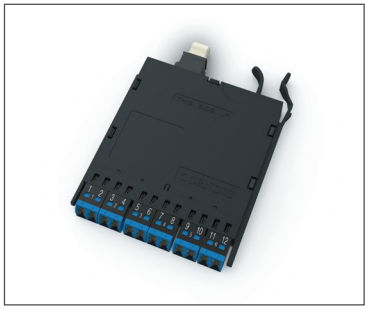
Notes:
- *For stagger selection, reference applications engineering note AEN157.*
- *xxx = harness length up to 20 ft.*

Panels/Modules

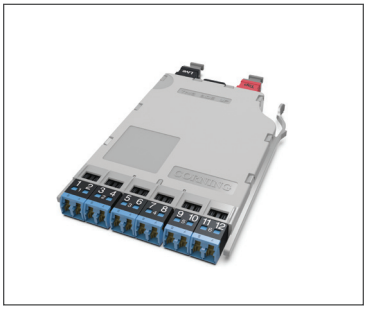
Panels	
EDGE-CP24-90	24-Fiber MTP Adapter Panel
EDGE-CP48-90	48-Fiber MTP Adapter Panel
EDGE-CP72-U1	72-Fiber MTP Adapter Panel

Modules with CleanAdvantage	
ECM-UM12-04-89G	12-Fiber LC UPC Duplex to Pinned MTP
ECM-UM12-04-89G-ULL	Ultra-Low-Loss 12-Fiber LC UPC Duplex to Pinned MTP (4 pack)

Tap Modules	
ETM-5A-G	EDGE Tap Module, type-A (LC to LC), OS2, 50/50 split ratio (4 pack)
ETM-5B-G	EDGE Tap Module, type-B (MTP to LC), OS2, 50/50 split ratio (4 pack)
ETM-5C-G	EDGE Tap Module, type-C (MTP to MTP), OS2, 50/50 split ratio (4 pack)
ETM-7A-G	EDGE Tap Module, type-A (LC to LC), OS2, 70/30 split ratio (4 pack)
ETM-7B-G	EDGE Tap Module, type-B (MTP to LC), OS2, 70/30 split ratio (4 pack)
ETM-7C-G	EDGE Tap Module, type-C (MTP to MTP), OS2, 70/30 split ratio (4 pack)



EDGE Module



EDGE Tap Module

EDGE™ Solutions: OS2 (Single-Mode Fiber)

Hardware/Jumpers

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

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

Note: Other lengths available for jumper in a box, ask SE/Customer Care

Non-Pinned MTP® PRO to Non-Pinned MTP with Push-Pull Boot Jumpers and Corning® CleanAdvantage™	
J909012GE8-NAxxxF	Type-A Jumper, xxx ft
J909012GE8-NBxxxF	Type-B Jumper, xxx ft

Non-Pinned MTP PRO to Pinned MTP PRO with Push-Pull Boot Jumpers and CleanAdvantage	
J908912GE8-NAxxxF	Type-A Jumper, xxx ft
J908912GE8-NBxxxF	Type-B Jumper, xxx ft

Pinned MTP PRO to Pinned MTP PRO with Push-Pull Boot Jumpers and CleanAdvantage	
J898912GE8-NAxxxF	Type-A Jumper, xxx ft
J898912GE8-NBxxxF	Type-B Jumper, xxx ft

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

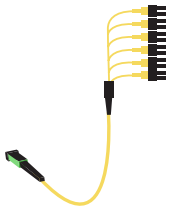
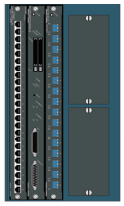
Additional Products

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/Harnesses

Non-Armored Plenum Trunks with Corning® CleanAdvantage™, 33-in Leg Length, Pinned MTP® PRO to Pinned MTP PRO with Push-Pull Boot, Pulling Grip One Side	
Fiber Count	Catalog Part Number
8	GE5E508QPNDDUxxxF
16	GE5E516QPNDDUxxxF
24	GE5E524QPNDDUxxxF
32	GE5E532QPNDDUxxxF
48	GE5E548QPNDDUxxxF
72	GE5E572QPNDDUxxxF
96	GE5E596QPNDDUxxxF
144	GE5E5E4QPNDDUxxxF
192	GE5E5K2QPNDDUxxxF
288	GE5E5U8QPNDDUxxxF

Notes:
- *xxx = cable length of 005-999 ft.*
- *1-ft increments measured from furcation plug to furcation plug.*
- *Lengths beyond 999 ft available.*

Harnesses with CleanAdvantage – Pinned	
HE57908QPH-1BxxxF	EDGE8® MTP® to LC Staggered Harness, 8F, 50 µm multimode (OM4), MTP PRO with push-pull boot (pinned) to LC uniboot, type-B polarity, type 1 stagger, xxx ft
HE57908QPH-2BxxxF	EDGE8 MTP to LC Staggered Harness, 8F, 50 µm multimode (OM4), MTP PRO with push-pull boot (pinned) to LC uniboot, type-B polarity, type 2 stagger, xxx ft
HE57908QPH-3BxxxF	EDGE8 MTP to LC Staggered Harness, 8F, 50 µm multimode (OM4), MTP PRO with push-pull boot (pinned) to LC uniboot, type-B polarity, type 3 stagger, xxx ft
HE57908QPH-4BxxxF	EDGE8 MTP to LC Staggered Harness, 8F, 50 µm multimode (OM4), MTP PRO with push-pull boot (pinned) to LC uniboot, type-B polarity, type 4 stagger, xxx ft
HE57908QPH-5BxxxF	EDGE8 MTP to LC Staggered Harness, 8F, 50 µm multimode (OM4), MTP PRO with push-pull boot (pinned) to LC uniboot, type-B polarity, type 5 stagger, xxx ft

Harnesses with CleanAdvantage – Non-Pinned	
HE67908QPH-1AxxxF	EDGE8 MTP to LC Staggered Harness, 8F, 50 µm multimode (OM4), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-A polarity, type 1 stagger, xxx ft
HE67908QPH-2AxxxF	EDGE8 MTP to LC Staggered Harness, 8F, 50 µm multimode (OM4), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-A polarity, type 2 stagger, xxx ft
HE67908QPH-3AxxxF	EDGE8 MTP to LC Staggered Harness, 8F, 50 µm multimode (OM4), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-A polarity, type 3 stagger, xxx ft
HE67908QPH-4AxxxF	EDGE8 MTP to LC Staggered Harness, 8F, 50 µm multimode (OM4), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-A polarity, type 4 stagger, xxx ft
HE67908QPH-5AxxxF	EDGE8 MTP to LC Staggered Harness, 8F, 50 µm multimode (OM4), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-A polarity, type 5 stagger, xxx ft

Notes:
- *For stagger selection, reference applications engineering note AEN157.*
- *xxx = harness length up to 20 ft.*

Panels/Modules

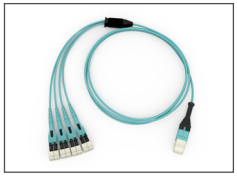
Panels	
EDGE8-CP08-V3	8-Fiber MTP Adapter Panel
EDGE8-CP16-V3	16-Fiber MTP Adapter Panel
EDGE8-CP24-V3	24-Fiber MTP Adapter Panel
EDGE8-CP32-V3	32-Fiber MTP Adapter Panel

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

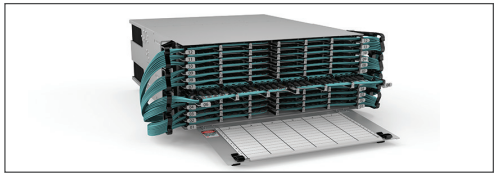
Tap Modules	
ETM8-50A-Q	EDGE8 Tap Module, type-A (LC to LC), OM4, 50/50 split ratio
ETM8-50B-Q	EDGE8 Tap Module, type-B (MTP to LC), OM4, 50/50 split ratio
ETM8-50C-Q	EDGE8 Tap Module, type-C (MTP to MTP), OM4, 50/50 split ratio
ETM8-70A-Q-PREM	EDGE8 Tap Module, type-A (LC to LC), OM4, 70/30 split ratio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

Port Breakout Module with CleanAdvantage	
ECM8-05E6-QE8B-xxxF	Non-Pinned MTP to LC Duplex, plenum, type-B, xxx ft

Note: xxx = cable length up to 75 ft.



EDGE8 Harness



EDGE8 4U Housing

EDGE8® Solutions: OM4 (50 µm Multimode Fiber)

Hardware/Jumpers/Additional Products

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

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-P70-01M	Reverse Polarity LC Uniboots, 1 m, Qty 70
7979-OM4-P70-02M	Reverse Polarity LC Uniboots, 2 m, Qty 70
7979-OM4-P70-03M	Reverse Polarity LC Uniboots, 3 m, Qty 70

Note: Other lengths available for jumper in a box, ask SE/Customer Care

Non-Pinned MTP® PRO to Non-Pinned MTP PRO with Push-Pull Boot Jumpers and Corning® CleanAdvantage™	
JE6E608QE8-NAxxxF	Type-A Jumper, xxx ft
JE6E608QE8-NBxxxF	Type-B Jumper, xxx ft

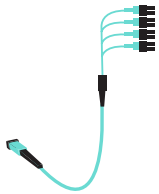
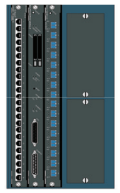
Notes:
- *xxx = jumper length.*
- *For parallel optics and port breakout applications' pinning and polarity, please reference applications engineering notes AEN156.*

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, 10 empty exchanger (without pins)
MTPPRO-PEX-MME-PINS	MTP PRO Pin Exchanger Kit, Multimode MTP Elite, 10 loaded exchangers (with pins)

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/Harnesses

Non-Armored Plenum Trunks, with Corning® CleanAdvantage™ 33-in Leg Length, Pinned MTP® PRO to Pinned MTP PRO with Push-Pull Boot, Pulling Grip One Side	
Fiber Count	Catalog Part Number
08	GE7E708GPNDDUxxxF
16	GE7E716GPNDDUxxxF
24	GE7E724GPNDDUxxxF
32	GE7E732GPNDDUxxxF
48	GE7E748GPNDDUxxxF
72	GE7E772GPNDDUxxxF
96	GE7E796GPNDDUxxxF
144	GE7E7E4GPNDDUxxxF
192	GE7E7K2GPNDDUxxxF
288	GE7E7U8GPNDDUxxxF

Notes:
- *xxx = cable length of 005-999 ft.*
- *1-ft increments measured from furcation plug to furcation plug.*
- *Lengths beyond 999 ft available.*

Harnesses with CleanAdvantage – Pinned	
HE77808GPH-1BxxxF	EDGE8® MTP® to LC Staggered Harness, 8F, single-mode (OS2), MTP PRO with push-pull boot (pinned) to LC uniboot, type-B polarity, type 1 stagger, xxx ft
HE77808GPH-2BxxxF	EDGE8 MTP to LC Staggered Harness, 8F, single-mode (OS2), MTP PRO with push-pull boot (pinned) to LC uniboot, type-B polarity, type 2 stagger, xxx ft
HE77808GPH-3BxxxF	EDGE8 MTP to LC Staggered Harness, 8F, single-mode (OS2), MTP PRO with push-pull boot (pinned) to LC uniboot, type-B polarity, type 3 stagger, xxx ft
HE77808GPH-4BxxxF	EDGE8 MTP to LC Staggered Harness, 8F, single-mode (OS2), MTP PRO with push-pull boot (pinned) to LC uniboot, type-B polarity, type 4 stagger, xxx ft
HE77808GPH-5BxxxF	EDGE8 MTP to LC Staggered Harness, 8F, single-mode (OS2), MTP PRO with push-pull boot (pinned) to LC uniboot, type-B polarity, type 5 stagger, xxx ft

Harnesses with CleanAdvantage – Non-Pinned	
HE87808GPH-1AxxxF	EDGE8 MTP to LC Staggered Harness, 8F, single-mode (OS2), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-A polarity, type 1 stagger, xxx ft
HE87808GPH-2AxxxF	EDGE8 MTP to LC Staggered Harness, 8F, single-mode (OS2), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-A polarity, type 2 stagger, xxx ft
HE87808GPH-3AxxxF	EDGE8 MTP to LC Staggered Harness, 8F, single-mode (OS2), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-A polarity, type 3 stagger, xxx ft
HE87808GPH-4AxxxF	EDGE8 MTP to LC Staggered Harness, 8F, single-mode (OS2), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-A polarity, type 4 stagger, xxx ft
HE87808GPH-5AxxxF	EDGE8 MTP to LC Staggered Harness, 8F, single-mode (OS2), MTP PRO with push-pull boot (non-pinned) to LC uniboot, type-A polarity, type 5 stagger, xxx ft

Notes:
- *For stagger selection, reference applications engineering note AEN157.*
- *xxx = harness length up to 20 ft.*

Panels/Modules

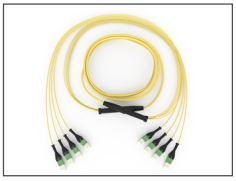
Panels	
EDGE8-CP08-V1	8-Fiber MTP Adapter Panel
EDGE8-CP16-V1	16-Fiber MTP Adapter Panel
EDGE8-CP24-V1	24-Fiber MTP Adapter Panel
EDGE8-CP32-V1	32-Fiber MTP Adapter Panel

Module with CleanAdvantage	
ECM8-UM08-04-E8G-ULL	12-Fiber 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

Port Breakout Module with CleanAdvantage	
ECM8-04E8-GE8B-xxxF	Non-Pinned MTP to LC Duplex, plenum, type-B, xxx ft

Note: xxx = cable length up to 75 ft.



EDGE8 MTP Trunk

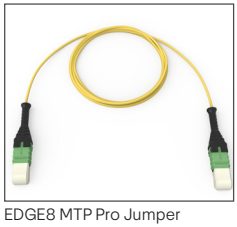
EDGE8 Housings

EDGE8® Solutions: OS2 (Single-Mode Fiber)

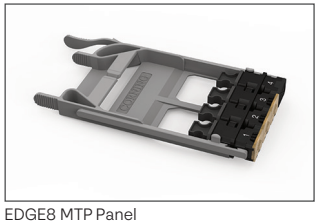
Hardware/Jumpers/Additional Products

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



EDGE8 MTP Pro Jumper



EDGE8 MTP Panel

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-P70-01M	Reverse Polarity LC Uniboots, 1 m, Qty 70
7878-OS2-P70-02M	Reverse Polarity LC Uniboots, 2 m, Qty 70
7878-OS2-P70-03M	Reverse Polarity LC Uniboots, 3 m, Qty 70

Note: Other lengths available for jumper in a box, ask SE/Customer Care.

MTP PRO with Push-Pull Boot Jumpers and Corning® CleanAdvantage™	
JE8E808GE8-NAxxxF	Type-A Jumper, xxx ft
JE8E808GE8-NBxxxF	Type-B Jumper, xxx ft

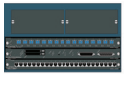
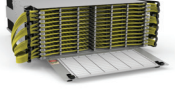
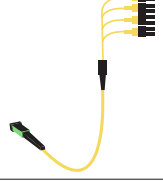
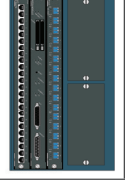
Notes:
- *xxx = jumper length.*
- *For parallel optics and port breakout applications' pinning and polarity, please reference applications engineering notes AEN156.*

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, 10 empty exchangers (without pins)
MTPPRO-PEX-SME-PINS	MTP PRO Pin Exchanger Kit, Single-Mode MTP Elite, 10 loaded exchangers (with pins)

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
								

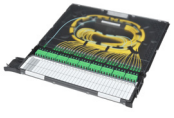
Centrix™ System in your Data Center

Density capability meets functionality with the Centrix™ system for your Data Center Meet-Me-Room environments.

The Centrix system offers a range of features and benefits tailored to meet the demands of modern colocation data centers. It is a high density solution that is configurable for multiple applications with SC, LC, and MTP® Connectivity.

The Centrix Secure Frame is Corning's Optical Distribution Frame which is optimal for supporting multitenant data center operators that need a frame solution to terminate and securely segment and distribute optical circuits from Carrier customers within the facility.

The Centrix Secure Frame builds upon the value benefits of the Centrix Product Family: on-frame splicing of fiber cables, cable and jumper management, and high density optical distribution. It offers unmatched security and flexibility for a variety of fiber connectivity applications.

Centrix Housing	Centrix Cassette	Centrix Jumper
		

To learn more, visit us at
www.corning.com/mmr-co

Centrix™ Secure Cabinet

Cabinet

Centrix Secure Cabinet	
PS2MBAFF2RLSB2ES2PADQ	7-ft Front Access, Standard 15-in housing rack with 10 4RU lockable housings, Right Side Jumper Manager, Left Side Cable Manager
PS2MBAFF2LRSB2ES2PADQ	7-ft Front Access Standard 15-in housing rack with 10 4RU lockable housings, Left Side Jumper Manager, Right Side Cable Manager
PS2MBAFGBSSSD2FS2PADQ	7-ft Back-to-Back Cabinet, Standard 15-in housing rack with 10 4RU lockable housings each front and rear facing cabinet, Front facing cabinet, Left side cable manager, Right side jumper manager, Rear facing cabinet, Right side cable manager, and Left side jumper manager

Cassettes

Centrix Cassettes					
Integrated MTP/MPO Adapters	CTX24B3-892RRR	Front Frame, 24 port. LC APC front facings, Pinned, 2 MTP®/MPO Adapters, SM, Right side front facing MTP/MPO adapter, Straight Through polarity			
	CTX24A9-892RRR	Front Frame, 24 port. LC UPC front facings, Pinned, 2 MTP/MPO Adapters, SM, Right side front facing MTP/MPO adapter, Straight Through polarity			
	CTX24B3-892RLR	Rear Frame, 24 port. LC APC front facings, Pinned, 2 MTP/MPO Adapters, SM, Left side front facing MTP/MPO adapter, Straight Through polarity			
	CTX24A9-892RLR	Rear Frame, 24 port. LC UPC front facings, Pinned, 2 MTP/MPO Adapters, SM, Left side front facing MTP/MPO adapter, Straight Through polarity			
Splice Cassettes with SCs	CTXCPP24-3C-2RH000	24 SC UPC adapters & SM, MIC 900 µm Pigtails	Splice Cassettes With LCs	CTXCPP24-A9-2RH000	24 LC UPC adapters & SM, MIC 900 µm Pigtails
	CTXCPP24-3C-2RJ000	24 SC UPC adapters & SM, Ribbon Pigtails		CTXCPP24-A9-2RJ000	24 LC UPC adapters & SM, Ribbon Pigtails
	CTXCPP24-6C-2RH000	24 SC APC adapters & SM, MIC 900 µm Pigtails		CTXCPP24-B3-2RH000	24 LC APC adapters & SM, MIC 900 µm Pigtails
	CTXCPP24-6C-2RJ000	24 SC APC adapters & SM, Ribbon Pigtails		CTXCPP24-B3-2RJ000	24 LC APC adapters & SM, Ribbon Pigtails

Accessories

Accessories		
Cable Furcation Kits	HFC-FURC-KIT-C	Furcation for Gel-Filled/Gel-Free Corning Central Tube Ribbon Cables 12-216F (1 kit per cable end) Furcation for Gel-Filled/Gel-Free ALTOS® Ribbon Cables 288-1728F (1 kit per buffer tube end)
	HFC-FURC-KIT-E	Furcation for Gel-Filled/Gel-Free ALTOS Ribbon Cables 288-1728F, Furcation for Gel-Free Corning® RocketRibbon® Cables 1728/3456F (1 kit for 1728F/2 kits for 3456F)
	HFC-FURC-KIT-SUP-2	Furcation Kit
Kits	CTX-SERVICE BKT	Centrix Cassette Service Bracket
	CTX-KIT-RT-DH	Centrix Cassette Kit for Right Hand Jumper Routing, (12 per package)
Jumper Options	020201G3116004M	Jumper, SM, Ultra, LC UPC to LC UPC, 4-m in length, 1.6 mm OD
	222201G3116004M	Jumper, SM, Ultra, LC APC to LC APC, 4-m in length, 1.6 mm OD

Hyperscale and AI Leased Data Centers

Hyperscale and AI leased data centers are redefining the modern digital landscape. As the demand for machine learning, generative AI, and other AI-enabling technologies grows, hyperscale operators are tasked with deploying the smallest, densest fibers and connectors at unprecedented speeds. Corning is meeting these demands with solutions like the MMC Connector, Flow Ribbon Cable, EDGE™/EDGE8® extensive portfolio, and the newest, GlassWorks AI™.

GlassWorks AI™

What is GlassWorks AI?

You'll find industry-leading fiber optic solutions and expertise all in one easy-to-access service. GlassWorks AI is tailored for the unique demands of hyperscale AI data centers to help ensure optimal performance, flexibility, and scalability.

More of everything your hyperscale customers need

- Scalability
- Density
- Installation speed
- Customization

To learn more, visit us at **www.corning.com/glassworks-ai**

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Member Programs

Authorized Distributors

Technical Support

Engineering Services

Support and Resources

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.
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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 www.corning.com/seethelight for a full list of our training offerings.

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Stay up-to-date with the See the Light® webinars, which address key topics affecting networks today. Join live sessions to interact with Corning experts in real-time or watch the recorded webinars at your convenience.

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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 trainings focused on designing networks and specifying products. These hands-on training sessions are led by field instructors and experts who understand industry professionals' needs.

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CAH Connections℠ Gold Program

Our CAH Connections℠ Gold Program represents the highest standard for manufacturers of optical patch cords. Member companies purchase Corning materials, adhere to recommended manufacturing processes, and pass annual audits conducted by our experts. As a result of this demonstrated manufacturing and business excellence, we offer our 25-year Extended Warranty℠ Program coverage to include simplex and duplex patch cords manufactured by CAH Connections Gold Program members for projects installed by certified Network of Preferred Installer members.

Network of Preferred Installers

The Network of Preferred Installers (NPI) 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 25 years after installation with our extended warranty on LAN solutions.
npi@corning.com · www.corning.com/npi

MTDC Complete Connections Program

As enterprises consider moving their critical infrastructure into multitenant data center (MTDC) facilities, they face a dizzying array of choices. The Corning MTDC Complete Connections Program can make it easier by bringing together an ecosystem of trusted partners who both operate MTDC facilities and provide systems integration services within MTDC sites. Whether you're worried about moving your data center offsite, or you're looking to provide a higher level of service and peace of mind to your clients, we can help. Completely.
www.corning.com/mtdc-complete-connections

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 assessments, 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.

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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.

www.corning.com/professional-services

Engineering Services

Engineering Support Services

The following is a list of the support services we offer through our in-house Engineering Services team:

IT-Managed Services If you are looking for IT support while operating your telecommunications network, we have the expertise and experience to help. We understand the unique challenges, including security requirements, your network must address, and we can help define and implement your IT offering.

Engineer, Furnish & Install (EF&I) For an integrated approach, we offer EF&I services for both inside and outside plant installations. We can manage every aspect of your deployment, from network design and product selection; to supply chain, procurement, and inventory management; through product installation and termination.

Installation Support Need On-Site Technical Assistance?
We have a team ready to help you! Our expert engineers and technicians use state-of-the-art Corning Optical Communications equipment and field-proven procedures to ensure the highest quality installation possible.

Design Services

Corning's system design services include an experienced proposal engineer visiting your site to discuss communication requirements and to inspect the available optical fiber cable routes. Our engineers are well versed on industry standard requirements for voice, data, and video communications. Couple this with our knowledge of networking requirements and installation experience, the system design will be superior and cost-effective.

Our formal response to the customer includes recommendations on optical cables, hardware, and connectivity, physical cable routing, potential installation trouble spots, as well as splicing, termination, and testing needs.

For all your engineering services needs, please reach out to our team!

Contact info
800-743-2673
www.corning.com/professional-services
ccsamericas@corning.com

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www.corning.com/professional-services
ccsamericas@corning.com

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+1-828-901-5000 (International)

For day to day quotes contact
ccsamericas@corning.com

For formal quotes contact
DDDSTNAFTA@corning.com

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www.opcomm.corning.com/1-ENBOMTOOL.html

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https://ordertracker.corning.com

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Product Drawings Selection Tool
www.opcomm.corning.com/CorningDrawingDatabase.html

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www.corning.com/opcomm/videos

YouTube Channel
www.youtube.com/user/corningcablesystems

Technical Library
www.corning.com/resource-library

Corning CSI Division 27 Specifications
www.corning.com/division27specs

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www.corning.com/opcomm/pge.aspx

Notes:

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ccsamericas@corning.com

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Charlotte, NC 28216
800-743-2675
www.corning.com/opcomm

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www.corning.com/professional-services
Contact ccsamericas@corning.com

Quote Requests
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For formal quotes contact
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