



CORNING

# Efficient. Fast. Secure.

Multitenant Data Center (MTDC) Solutions Guide



# Trust Your Multitenant Data Center to Corning

## Connecting to the right solutions can help you optimize your network.

To help you achieve effective data center operations that meet the core needs of your customers, we've created this easy-to-use guide that highlights our extensive range of solutions developed for outside plants, meet-me rooms, main distribution areas, and cage environments. We have also provided at-a-glance ordering information for our most popular products to reduce the time and effort you spend on your end-to-end infrastructure.

By developing solutions that are well aligned with the need for effective data center operations and addressing the core needs of enterprise clients and cloud providers, Corning Optical Communications has achieved significant success.





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We offer products and solutions that meet the needs of your MTDC on day one while being flexible enough to adapt to future changes:

- Rapid deployments for low- to high-density applications
- Quick product availability so you can provide competitive service level agreements (SLAs)
- Secure separation between live circuits for client peace of mind
- Usable vs. theoretical density
- A highly scalable platform for simple migration to higher-speed technologies and applications

For maximum flexibility, improved lead times, and a reduction in total cost of ownership in your future-ready MTDC, you can count on Corning.



# MTDC Complete Connections Program

The **MTDC Complete Connections Program** connects enterprises with a network of **trusted partners** who both operate MTDC facilities and provide systems integration services within MTDC sites. MTDC operator and system integrator members receive **preferred access** to Corning **training, service, and technology** to help move their data center assets into colocation facilities with **confidence**.

For more information, visit [www.corning.com/mtdc-complete-connections](http://www.corning.com/mtdc-complete-connections)

As a **leader** in optical technology, with nearly **30 years of experience and innovation** in data center solutions, we work with you to assess your data center deployment options. When you meet with our team of experts, we'll discuss your data center journey, introduce you to our **data center capabilities** and support services, and together we will determine the **right solution** for your organization. We've evolved our **expertise and experience** to offer you the following:

#### Design Services

Our Field Engineering Services consultant program offers on-site assistance, ranging from proposal design through project completion, at any phase of a project. These services include network design and site survey, on-site technical assistance, splicing, termination, testing services, and troubleshooting and emergency restoration.

#### Product Solutions

Because every data center is unique, EDGE™ and EDGE8® solutions provide a family of modular, tip-to-tip connectivity options. Each solution is uniquely configurable, offering faster, simpler installation, higher density, superior cable management, easier moves, adds, and changes (MACs), and flexible migration paths.

#### Order Tracking

Secure login and 24/7 global access, with enhanced insight into active purchase orders and real-time shipping information in your language.

#### Implementation Support

Designed to reduce the time to “go live” and improve your organization’s return on investment, our implementation support is customized for your specific needs.

#### Global Distribution Partners

The solutions you need, regularly in stock at our global network of distributors where you need them. Scale with a global manufacturer for a consistent product portfolio to offer clients.

#### Training/Programs

No one understands fiber optics better than the company that invented it. That’s why we are committed to providing the industry with an unprecedented level of expertise and support through our comprehensive – and customizable – training programs for contractors, installers, designers, and end users. Our courses are recognized by globally accredited organizations and are available as hands-on learning or online instruction.

## Transmission Performance/Insertion Loss

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

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

\*Note: EDGE8 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

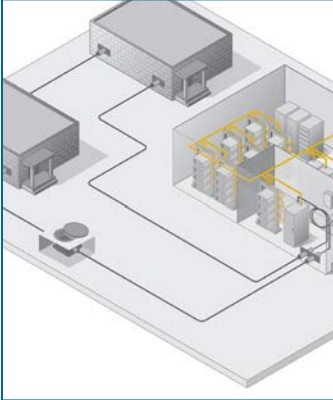
Fiber Channel Data Rate	Nomenclature	Fiber Type	Maximum Link Length (m)
4 Gb/s	400-M5E-SN-I 400-M5F-SN-I	OM3/OM4/OM5	380/400/400
8 Gb/s	800-M5E-SN-I 800-M5F-SN-I	OM3/OM4/OM5	150/190/190
16 Gb/s	1600-M5E-SN-I 1600-M5F-SN-I	OM3/OM4/OM5	100/125/125
32 Gb/s	3200-M5E-SN-S 3200-M5F-SN-I	OM3/OM4/OM5	70/100/100
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](http://www.corning.com/wide-band-multimode)

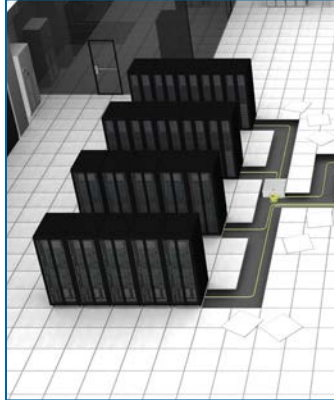
# Enabling Connections in all Areas

## Outside Plant Cable and Meet-Me Room



- Meet the conduit space available
- Deploy quicker
- Utilize splicing labor

## Backbone Cabling



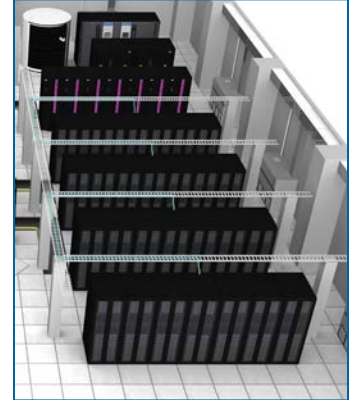
- Fully utilize tray space
- Secure connections to customers
- Match required fiber counts

## Main Distribution Area



- High density for more whitespace
- On-site inventory
- Quicker cross-connects

## Caged Area



- Modular and scalable to 400G
- High density to maximize investment
- Global consistency in solution

# Packaging Spotlight

## Figure-8 Packaging

- Lower waste-removal fees
- Pulls from either end
- Faster install time

## Jumper in a Box

- Color to denote SM or MM
- Length easily visible
- Linked bags
- Numbers bags
- Recyclable cardboard box

## Jumper in a Box ECO Version

- Includes all the benefits above
- Eco-friendly version with on-site inventory and reusable plastic box
- Refill option
- Environmental messaging



To learn more about Jumper in a Box visit [www.corning.com/jiab](http://www.corning.com/jiab)





# Outside Plant Cable and Meet-Me Room

Our Corning® RocketRibbon™ extreme-density cables, combined with our innovative splice closures and hardware, can help meet the increasing bandwidth demands in your most challenging environment. Plus, compared to competitive solutions on the market, our data center interconnect (DCI) solutions reduce installation time by up to 50%\*.

Looking to further speed up installation? We developed a solution that allows for a 70% faster installation in an interconnect deployment by developing a new connector technology to eliminate splicing in high-fiber-count outside plant cables. To learn more, go to: [www.corning.com/edge-rapid-connect](http://www.corning.com/edge-rapid-connect)

**REDUCE INSTALLATION  
TIME BY UP TO**





**50%**

*\*The 50% savings refers to the time to furcate, route, and splice our solution compared to competitive solutions on the market.*



## Leading solutions by scenario

Connecting data centers on a campus

Corning® RocketRibbon™ Extreme-Density Cable	Optical Splice Enclosure	Indoor RocketRibbon Cable, Riser – LSZH™	EDGE™ Housing 6U XD
			

Transitioning carrier outside plant (OSP) cable into the data center

ALTO5® Cable with FastAccess® Technology	Closet Connector Housing (CCH) Pigtail Cassette	Closet Connector Housing (CCH)
		

Eliminating the transition splice point

FREEDM® Loose Tube Gel-Free Cable	Closet Connector Housing (CCH) Pigtail Cassette	Closet Connector Housing (CCH)
		

*The color coded headers for the solutions above correspond to the same color coded headers for the products on the next two pages.*

## Outside Plant Cable Options

### 200 Micron Loose Tube Cable

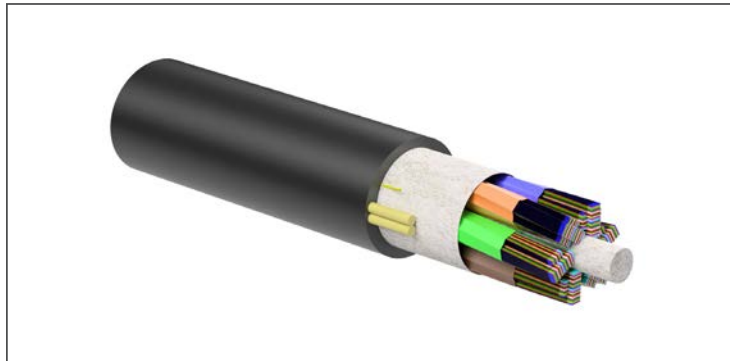
MiniXtend® Microduct Cables	Part Number
MiniXtend Cable with binderless* FastAccess® technology, xxx F, Corning® SMF-28® Ultra, Single-Mode, G.652.D/ G.657A1, 12-144 F	xxxZM4-T4F22A20
MiniXtend HD with binderless* FastAccess technology (24 F/Tube), SMF-28 Ultra 200 µm, Single-Mode 144-288 F	xxxZH4-Y4F40A20
MiniXtend HD with binderless* FastAccess technology (36 F/Tube), SMF-28 Ultra 200 µm, Single-Mode, 288-432 F	xxxZH4-S4F40A20

### 200 Micron Ribbon Cable

Corning® RocketRibbon™ Cables	Part Number
RocketRibbon Cable, 200 µm, 1,728 F, SMF-28 Ultra 200 Fiber, Single-Mode (OS2)	H28ZQ4-14141S53
RocketRibbon Cable, 200 µm, 3,456 F, SMF-28 Ultra 200 Fiber, Single-Mode (OS2)	Y56ZQ4-14141S53
RocketRibbon Cable, 200 µm, Indoor/Outdoor, Riser-LSZH™, 6,912 F, SMF-28 Ultra 200 Fiber, Single-Mode (OS2)	BMCZQZ-14041R20

### Indoor/Outdoor Rated Loose Tube Cable

FREEDM® Loose Tube Cables	Part Number
FREEDM Loose Tube, Gel-Free Cable, Riser, Single-Mode (OS2), 12-288 F	xxxEUF-T4101D20
FREEDM Loose Tube, Gel-Free Cable, Plenum, Single-Mode (OS2), 12-72 F	xxxEWP-T4101D20
FREEDM Loose Tube, Gel-Free, Interlocking Armored Cable, Riser, Single-Mode (OS2), 12-288 F	xxxEUF-T4101DA1
FREEDM Loose Tube, Gel-Free, Interlocking Armored Cable, Plenum, Single-Mode (OS2), 12-72 F	xxxEWP-T4101DA3



### 250 Micron Loose Tube Cable

ALTOS® Loose Tube Cables	Part Number
ALTOS Loose Tube, Gel-Free Cable, Single-Mode (OS2), 12-288 F	xxxEU4-T4100D20
ALTOS Loose Tube, Gel-Free Cable with FastAccess technology, Single-Mode (OS2), 12-288 F	xxxEU4-T4700D20
ALTOS Loose Tube, Gel-Free Cable with binderless* FastAccess technology, Single-Mode (OS2), 12-72 F	xxxZU4-T4F22D20
ALTOS Lite Single-Jacket, Single-Armored Loose Tube, Gel-Free Cable, Single-Mode (OS2), 12-288 F	xxxEUC-T4100D20
ALTOS Lite Single-Jacket, Single-Armored Loose Tube, Gel-Free Cable with FastAccess technology, Single-Mode (OS2), 12-72 F	xxxZUC-T4F22D20

### 250 Micron Ribbon Cable

SST-Ribbon™ Single-Tube, Gel-Free Cables	Part Number
SST-Ribbon™ Single-Tube, Gel-Free Cable, Single-Mode (OS2), 12-216 F	xxxEC4-14100D53
SST-Ribbon Single-Tube, Gel-Free Armored Cable, Single-Mode (OS2), 12-216 F	xxxEC5-14100D53
SST-UltraRibbon™ Single-Tube, Gel-Free Cable, Single-Mode (OS2), 288-864 F	xxxEV4-14100D53
SST-UltraRibbon Single-Tube, Gel-Free Armored Cable, Single-Mode (OS2), 288-864 F	xxxEV5-14100D53

RocketRibbon Cables	Part Number
RocketRibbon Cable, SMF-28 Ultra fiber, Single-Mode (OS2), 1,728 F	H28ZQ4-141x1S53
RocketRibbon Cable, SMF-28 Ultra fiber, Single-Mode (OS2), 3,456 F	Y56ZQ4-141x1S53
RocketRibbon Cable, Single-Tube, All-Dielectric, Gel-Free Cable, SMF-28 Ultra fiber, Single-Mode (OS2) 250, 144-432 F	xxxZV4-14700S53
RocketRibbon Cable, Single-Tube, Single-Jacket/Single-Armor, Gel-Free Cable, SMF-28 Ultra fiber, Single-Mode (OS2) 250, 144-432 F	xxxZV5-14700S53

### Indoor/Outdoor Rated Ribbon Cable

FREEDM Ribbon Cables	Part Number
FREEDM Ribbon, Gel-Filled Cable, Riser, Single-Mode (OS2), 12-432 F	xxxECF-14101-20
FREEDM Ribbon Interlocking Armored, Gel-Filled Cable, Riser, Single-Mode (OS2), 12-432 F	xxxECF-14101-A1
FREEDM UltraRibbon™ Gel-Filled Cable, Riser, Single-Mode (OS2), 504-864 F	xxxEVF-14101-20
FREEDM UltraRibbon Interlocking Armored Gel-Filled Cable, Riser, Single-Mode (OS2), 504-864 F	xxxEVF-14101-A1

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

Note: xxx = fiber count. Use 012-096 for fiber counts smaller than 144. Example: 012EN4-T4M01A20f for 12 fibers. x = indicates fiber size 0=250 4=200

## Meet-Me Room Options

### Indoor Single-Fiber Cable

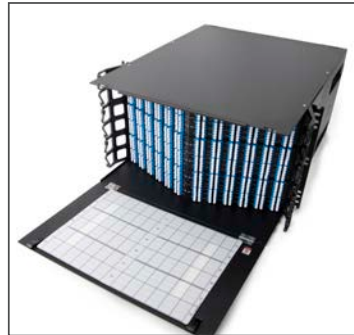
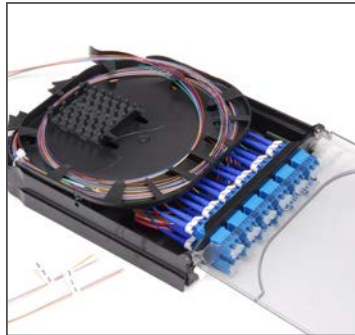
Fiber Count	MIC® Cable (Non-Armored) <i>Up to 24 F available</i>	
	Riser	Plenum
6	006E81-31131-24	006E88-31131-29
12	012E81-33131-24	012E88-33131-29
24	024E81-33131-24	024E88-33131-29

### Indoor Single-Fiber Cable Connectivity

Standard Panels			
Fiber Count	LC	SC Duplex	ST* Compatible
6	CCH-CP06-A9	CCH-CP06-S9	CCH-CP06-19T
12	CCH-CP12-A9	CCH-CP12-S9	CCH-CP12-19T
24	CCH-CP24-A9		

Pigttailed Cassettes			
Fiber Count	LC	SC Duplex	ST Compatible
6	CCH-CS06-A9-P00RE	CCH-CS06-S9-P00RE	CCH-CS06-6T-P00RE
12	CCH-CS12-A9-P00RE	CCH-CS12-S9-P00RE	CCH-CS12-6T-P00RE
24	CCH-CS24-A9-P00RE		

FuseLite® 2 Connector	
Performance	Maximum 0.30 dB
LC	FL2-LCU-900-SM-6
SC	FL2-SCU-900-SM-6



### 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.

Hardware Accessories	
SPH-DIN-KIT	DIN Rail Mounting Kit for splice tray holder
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

### Indoor Ribbon Cable

Ribbon Cables	
xxxEC7-14101-20	Ribbon Cable, Riser, Single-Mode (OS2), 12-216 F
xxxEC7-14101-A1	Ribbon Interlocking Armored Cable, Riser, Single-Mode (OS2), 12-216 F
xxxEC8-14101-20	Ribbon Cable, Plenum, Single-Mode (OS2), 12-216 F
xxxEC8-14101-A3	Ribbon Interlocking Armored Cable, Plenum, Single-Mode (OS2), 12-216 F
288ZQJ-14001R20	RocketRibbon, Riser-LSZH™, Single-Mode (OS2), 288 F
864ZQJ-14001R20	RocketRibbon, Riser-LSZH, Single-Mode (OS2), 864 F

### Extreme-Density Ribbon Connectivity

Connectivity and Hardware	
XD-02U-PT	EEDGE™ Housing 2U XD, 288 F capacity, with 1 x 288 F Splice Tray, Single-Mode (OS2)
XD-06U-PT	EDGE Housing 6U XD, 864 F capacity, with 3 x 288 F Splice Trays, Single-Mode (OS2)
RXD-OSE-1	Optical Splice Enclosure - RXD (OSE-RXD), 6,912 F capacity, with 24 x 288 F Splice Trays
RXD-OSE-1-HD	Optical Splice Enclosure - RXD (OSE-RXD), 13,824 F capacity, with 24 x 576 F Splice Trays



# Backbone Cabling


Structured cabling is crucial to any multitenant data center. The backbone cabling is the highway between distribution areas. Need to connect a customer at a moment's notice? An organized backbone cabling layout will help do it faster and quicker, which means less time before making revenue.

Corning provides flexible solutions depending on the application and installer requirements, from LC to MTP® connectivity, in both preterminated assemblies and various field-terminated options.








## Leading solutions by scenario

Low-density splicing between distribution areas

Closet Connector Housing (CCH) Pigtail Cassette	Closet Connector Housing	MIC® Tight-Buffered Cable, Riser	Closet Connector Housing	Closet Connector Housing Pigtail Cassette
				

LC Assemblies between distribution areas

Closet Connector Housing LC Panel	Closet Connector Housing	LC Duplex Assemblies	Closet Connector Housing	Closet Connector Housing LC Panel
				

MTP® Assemblies between distribution areas

Closet Connector Housing MTP® Panel	Closet Connector Housing	MTP Assemblies	Closet Connector Housing	Closet Connector Housing MTP Panel
				

*The color coded headers for the solutions above correspond to the same color coded headers for the products on the next two pages.*

## Indoor 900 Micron Loose Tube Cable

MIC® Indoor Tight-Buffered Cable	
012E88-33131-29	MIC® Unitized Cable, Plenum, 12 F, Single-Mode (OS2)
048E88-61131-29	MIC Unitized Cable, Plenum, 48 F, Single-Mode (OS2)
144E88-Y3131-29	MIC Unitized Cable, Plenum, 144 F, Single-Mode (OS2)

## Indoor 250 Micron Loose Tube Cable

MIC® 250 2.0 Cable	
012ZD9-T1301-M2	MIC 250 2.0 Cable, Plenum, Non-Armored, 12 F, Single-Mode (OS2), Corning® SMF-28® Ultra Fiber
048ZD9-T1301-M2	MIC 250 2.0 Cable, Plenum, Non-Armored, 48 F, Single-Mode (OS2), SMF-28 Ultra Fiber
144ZD9-T1301-M2	MIC 250 2.0 Cable, Plenum, Non-Armored, 144 F, Single-Mode (OS2), SMF-28 Ultra Fiber

## Indoor 250 Micron Ribbon Cable

Indoor Ribbon	
012ZC8-14101-20	Ribbon Cable, Plenum, 12 F, Single-Mode (OS2)
144ZC8-14101-20	Ribbon Cable, Plenum, 144 F, Single-Mode (OS2)
288ZV8-14101-20	UltraRibbon™ Cable, Plenum, 288 F, Single-Mode (OS2)
576ZV8-14101-20	UltraRibbon Cable, Plenum, 576 F, Single-Mode (OS2)



## Connectivity for Loose Tube Cable

CCH Pigtail Cassette and Fan-Out Kit for 250 Micron Loose Tube	
FAN-BT25-06	Indoor Buffer Tube Fan-Out Kit, 6 F
FAN-BT25-12	Indoor Buffer Tube Fan-Out Kit, 12 F
CCH-CS06-A9-P00RE	Closet Connector Housing (CCH) Pigtail Cassette, loaded with CCH panel and factory-terminated pigtails, 6 F, LC Duplex, SM/UPC, single fiber splicing
CCH-CS12-A9-P00RE	Closet Connector Housing (CCH) Pigtail Cassette, loaded with CCH panel and factory-terminated pigtails, 12 F, LC Duplex, SM/UPC, single fiber splicing
CCH-CS24-A9-P00RE	Closet Connector Housing (CCH) Pigtail Cassette, loaded with CCH panel and factory-terminated pigtails, 24 F, LC Duplex, SM/UPC, single fiber splicing

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 Connectors	Maximum 0.30 dB	FL2-LCU-900-SM-6†	FL2-SCU-900-SM-6†	

\*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

Toolkits	
UniCam™ High-Performance Installation Toolkit	TKT-UNICAM-PFC

## Connectivity for Ribbon Cable

CCH Pigtail Cassette	
CCH-CS12-A9-P00RJ	Closet Connector Housing (CCH) Pigtail Cassette, loaded with CCH panel and factory-terminated pigtails, 12 F, LC Duplex, SM/UPC, ribbon splicing
CCH-CS24-A9-P00RJ	Closet Connector Housing (CCH) Pigtail Cassette, loaded with CCH panel and factory-terminated pigtails, 24 F, LC Duplex, SM/UPC, ribbon splicing
CCH-04U	Closet Connector Housing (CCH), 4U, accepts up to 12 CCH panels or cassettes

## Cable Assemblies with LC Connectors

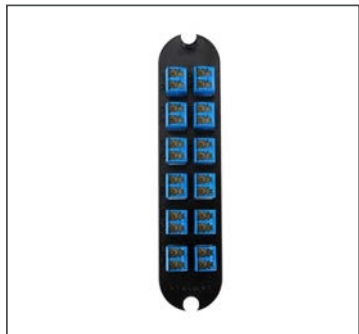
LC Duplex Cable Assemblies	
0404-24-R8820-100F	LC Duplex Cable Assembly, Plenum, Single-Mode (OS2), 24 F, 100 ft
0404-48-R8820-100F	LC Duplex Cable Assembly, Plenum, Single-Mode (OS2), 48 F, 100 ft
0404-96-R8820-100F	LC Duplex Cable Assembly, Plenum, Single-Mode (OS2), 96 F, 100 ft
0404-144-R8820-100F	LC Duplex Cable Assembly, Plenum, Single-Mode (OS2), 144 F, 100 ft

## High-Fiber-Count LC and MTP Pigtail Assemblies

Corning® RocketRibbon™ Indoor Plenum Cable Assemblies	
007896GQ80KB010F	RocketRibbon Indoor Plenum Cable Assemblies, Single-Mode, LC UPC Uniboot to pigtail, 96 F, 10 ft, 24-in legs
0078K2GQ80KB010F	RocketRibbon Indoor Plenum Cable Assemblies, Single-Mode, LC UPC Uniboot to pigtail, 192 F, 10 ft, 24-in legs
0078U8GQ80KB010F	RocketRibbon Indoor Plenum Cable Assemblies, Single-Mode, LC UPC Uniboot to pigtail, 288 F, 10 ft, 24-in legs
A0090U8GQJ0BP020F	EDGE™ Indoor Ribbon Trunk Riser LSZH™ with Routable Subunit, 288 F, Single-Mode Ultra (OS2), 20 ft

## LC and MTP Panels

Closet Connector Housing (CCH) Panel	
CCH-CP12-AE	Closet Connector Housing Panel, 12 F, LC Duplex Shuttered, Single-Mode (OS2)
CCH-CP24-AE	Closet Connector Housing Panel, 24 F, LC Duplex Shuttered, Single-Mode (OS2)
CCH-CP36-90	Closet Connector Housing Panel, 36 F, MTP, Single-Mode (OS2)
CCH-CP72-90	Closet Connector Housing Panel, 72 F, MTP, Single-Mode (OS2)
CCH-CP96-90	Closet Connector Housing Panel, 96 F, MTP, Single-Mode (OS2)
CCH-CPE4-90	Closet Connector Housing Panel, 144 F, MTP, Single-Mode (OS2)



## Cable Assemblies with MTP® Connectors

Multifiber Cable Assemblies with MTP Connectors	
G909036GPNDP010M	EDGE™ MTP® Trunk Straight-Through, OS2, 36 F, distribution non-armored indoor plenum cable, MTP 12 F non-pinned 33-in legs to MTP 12 F non-pinned 33-in legs, grip: one end, 10 m
G909072GPNDP010M	EDGE MTP Trunk Straight-Through, OS2, 72 F, distribution non-armored indoor plenum cable, MTP 12 F non-pinned 33-in legs to MTP 12 F non-pinned 33-in legs, grip: one end, 10 m
G9090E4GPNDP010M	EDGE MTP Trunk Straight-Through, OS2, 144 F, distribution non-armored indoor plenum cable, MTP 12 F non-pinned 33-in legs to MTP 12 F non-pinned 33-in legs, grip: one end, 10 m
G9090U8GPNDP010M	EDGE MTP Trunk Straight-Through, OS2, 288 F, distribution non-armored indoor plenum cable, MTP 12 F non-pinned 33-in legs to MTP 12 F non-pinned 33-in legs, grip: one end, 10 m
G9090AKGPNDP010M	EDGE MTP Trunk Straight-Through, OS2, 432 F, distribution non-armored indoor plenum cable, MTP 12 F non-pinned 33-in legs to MTP 12 F non-pinned 33-in legs, grip: one end, 10 m

## Preconnectorized Pigtail Housing

Stubbed EDGE Housing	
EG2U85012AE-Q8001B	Preconnectorized EDGE-02U with 50 m routable ribbon plenum stub
EG2U8A012AE-Q8001B	Preconnectorized EDGE-02U with 100 m routable ribbon plenum stub
EG2U8F012AE-Q8001B	Preconnectorized EDGE-02U with 150 m routable ribbon plenum stub
EG2U8L012AE-Q8001B	Preconnectorized EDGE-02U with 200 m routable ribbon plenum stub
EG2U8R012AE-Q8001B	Preconnectorized EDGE-02U with 250 m routable ribbon plenum stub
EG2U8W012AE-Q8001B	Preconnectorized EDGE-02U with 300 m routable ribbon plenum stub

## 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










# Main Distribution Area

Main distribution areas are critical for the structured cabling portion of your data center. Corning has leading solutions tailored to different scenarios. This includes splicing and preterminated solutions depending on the operator specifications. There are also high-density preterminated solutions for those who need the structured cabling but in a smaller footprint.








## Leading solutions by scenario

Standard density splicing

Closet Connector Housing Pigtail Cassette	Closet Connector Housing	MIC® Tight-Buffered Cable, Riser	Closet Connector Housing	Closet Connector Housing Pigtail Cassette
				

Standard density connectivity

Closet Connector Housing LC Panel	Closet Connector Housing	LC Duplex Assemblies	Closet Connector Housing	Closet Connector Housing LC Panel
				

High-density connectivity

EDGE™ Module	EDGE Housing	EDGE MTP® Trunk	EDGE MTP Panel	EDGE Housing
				

*The color coded headers for the solutions above correspond to the same color coded headers for the products on the next two pages.*

## Splicing and Standard Density Solution

### Indoor 900 Micron Loose Tube Cable

MIC® Indoor Tight-Buffered Cable	
012E88-33131-29	MIC Unitized Cable, Plenum, 12 F, Single-Mode (OS2)
048E88-61131-29	MIC Unitized Cable, Plenum, 48 F, Single-Mode (OS2)
144E88-Y3131-29	MIC Unitized Cable, Plenum, 144 F, Single-Mode (OS2)

### Connectivity for Loose Tube Cable

MIC Indoor Tight-Buffered Cable	
FAN-BT25-06	Indoor Buffer Tube Fan-Out Kit, 6 F
FAN-BT25-12	Indoor Buffer Tube Fan-Out Kit, 12 F
CCH-CS06-A9-P00RE	Closet Connector Housing (CCH) Pigtail Cassette, loaded with CCH panel and factory-terminated pigtails, 6 F, LC Duplex, SM/UPC, single-fiber splicing
CCH-CS12-A9-P00RE	Closet Connector Housing (CCH) Pigtail Cassette, loaded with CCH panel and factory-terminated pigtails, 12 F, LC Duplex, SM/UPC, single-fiber splicing
CCH-CS24-A9-P00RE	Closet Connector Housing (CCH) Pigtail Cassette, loaded with CCH panel and factory-terminated pigtails, 24 F, LC Duplex, SM/UPC, single-fiber splicing

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 Connectors	Maximum 0.30 dB	FL2-LCU-900-SM-6†	FL2-SCU-900-SM-6†	

\*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

Toolkits	
UniCam™ High-Performance Installation Toolkit	TKT-UNICAM-PFC



### LC Panels

Closet Connector Housing (CCH) Panel	
CCH-CP12-AE	Closet Connector Housing (CCH) Panel, 12 F, LC Duplex Shuttered, Single-Mode (OS2)
CCH-CP24-AE	Closet Connector Housing (CCH) Panel, 24 F, LC Duplex Shuttered, Single-Mode (OS2)

### LC Cable Assemblies

LC Duplex Cable Assemblies	
0404-24-R8820-100F	LC Duplex Cable Assembly, Plenum, Single-Mode (OS2), 24 F, 100 ft
0404-48-R8820-100F	LC Duplex Cable Assembly, Plenum, Single-Mode (OS2), 48 F, 100 ft
0404-96-R8820-100F	LC Duplex Cable Assembly, Plenum, Single-Mode (OS2), 96 F, 100 ft
0404-144-R8820-100F	LC Duplex Cable Assembly, Plenum, Single-Mode (OS2), 144 F, 100 ft

### Standard Density 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

### Jumpers

OS2 Jumpers	
787802GD120001M	Reverse Polarity LC Uniboot Jumper, 1 m
787802GD120002M	Reverse Polarity LC Uniboot Jumper, 2 m
787802GD120003M	Reverse Polarity LC Uniboot Jumper, 3 m
U8U802GD120009M	Reverse Polarity Lockable LC Uniboot Jumper, 9 m
U8U802GD120012M	Reverse Polarity Lockable LC Uniboot Jumper, 12 m

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

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

### Jumper in a Box ECO Series

Jumper in a Box ECO	
JE8E808GE8-NAxxxF	Type-A Jumper, xxx ft
JE8E808GE8-NBxxxF	Type-B Jumper, xxx ft

# High-Density Connectivity

## EDGE™ MTP® Trunks

EDGE™ MTP® Trunks	
G909012GPNDDU010F	EDGE MTP Trunk, Single-Mode Ultra (OS2), 12 F, Non-pinned MTP to Non-pinned MTP, Non-armored, TIA-568 Standard Universal Type-B Polarity, Pulling grip on first end only, 10 F
G909048GPNDDU020F	EDGE MTP Trunk, Single-Mode Ultra (OS2), 12 F, Non-pinned MTP to Non-pinned MTP, Non-armored, TIA-568 Standard Universal Type-B Polarity, Pulling grip on first end only, 20 F
G9090E4GPNDDU030F	EDGE MTP Trunk, Single-Mode Ultra (OS2), 12 F, Non-pinned MTP to Non-pinned MTP, Non-armored, TIA-568 Standard Universal Type-B Polarity, Pulling grip on first end only, 30 F

## Connectivity with 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



## MTP Jumpers

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.

## High-Density Hardware

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

## 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

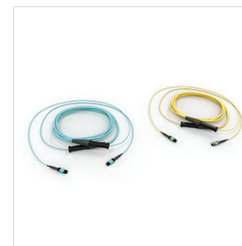
Test Equipment	
CHECKPOINT PRO BIF	CheckPoint Pro for bend-insensitive, multimode, and Single-Mode fibers
VFL-350	Visual Fault Locator, 2.5-mm adapter

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



# Caged Area

Managing the caged area just got simpler with our range of flexible, ultra-high-density solutions. We offer comprehensive support, from upfront design and engineering through post-installation testing and support, and our rapid manufacturing capabilities can maintain customer SLAs—even with custom-length components. Experience reliable, continuous visibility into network traffic with integrated passive optical tapping capabilities. Gain peace of mind from enhanced port breakout capabilities for disaggregating higher-speed ports.



## Caged Area 12 Fiber (Base-12)

### Jumpers

Jumpers		
Single-Mode (OS2)	Multimode	Description
787802GD120001M	797902QD120001M	Reverse Polarity LC Uniboot Jumper, 1 m
787802GD120002M	797902QD120002M	Reverse Polarity LC Uniboot Jumper, 2 m
787802GD120003M	797902QD120003M	Reverse Polarity LC Uniboot Jumper, 3 m
040402G5120001M	050502Q5120001M	LC Duplex Jumper, 1 m
040402G5120002M	050502Q5120002M	LC Duplex Jumper, 2 m
040402G5120003M	050502Q5120003M	LC Duplex Jumper, 3 m

Jumper in a Box		
Single-Mode (OS2)	Multimode	Description
7878-OS2-B70-01M	7979-OM4-B70-01M	Reverse Polarity LC Uniboosts, 1 m, Qty 70
7878-OS2-B70-02M	7979-OM4-B70-02M	Reverse Polarity LC Uniboosts, 2 m, Qty 70
7878-OS2-B70-03M	7979-OM4-B70-03M	Reverse Polarity LC Uniboosts, 3 m, Qty 70
0404-ZR2-B70-01M	0505-ZR4-B70-01M	LC Duplex Jumpers, Zipcord, 1 m, Qty 70
0404-ZR2-B70-02M	0505-ZR4-B60-02M	LC Duplex Jumpers, Zipcord, 2 m, Qty 60
0404-ZR2-B60-03M	0505-ZR4-B50-03M	LC Duplex Jumpers, Zipcord, 3 m, Qty 50

Non-Pinned MTP® PRO to Non-Pinned MTP PRO Jumpers		
Single-Mode (OS2)	Multimode	Description
J909012GE8-NAxxxxF	J757512QE8-NAxxxxF	Type-A Jumper, xxx ft
J909012GE8-NBxxxxF	J757512QE8-NBxxxxF	Type-B Jumper, xxx ft

Non-Pinned MTP PRO to Pinned MTP PRO Jumpers		
Single-Mode (OS2)	Multimode	Description
J908912GE8-NAxxxxF	J759312QE8-NAxxxxF	Type-A Jumper, xxx ft
J908912GE8-NBxxxxF	J759312QE8-NBxxxxF	Type-B Jumper, xxx ft

Pinned MTP PRO to Pinned MTP PTO Jumpers		
Single-Mode (OS2)	Multimode	Description
J898912GE8-NAxxxxF	J939312QE8-NAxxxxF	Type-A Jumper, xxx ft
J898912GE8-NBxxxxF	J939312QE8-NBxxxxF	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.

### Harnesses

Harnesses – Pinned		
Single-Mode (OS2)	Multimode	Description
H897812GPH-1AxxxxF	H937912QPH-1AxxxxF	EDGE™ Harness, Type-A, Pinned MTP PRO to LC Uniboot, Plenum Stagger 1, xxx ft
H897812GPH-2AxxxxF	H937912QPH-2AxxxxF	EDGE Harness, Type-A, Pinned MTP PRO to LC Uniboot, Plenum Stagger 2, xxx ft
H897812GPH-3AxxxxF	H937912QPH-3AxxxxF	EDGE Harness, Type-A, Pinned MTP PRO to LC Uniboot, Plenum Stagger 3, xxx ft
H897812GPH-4AxxxxF	H937912QPH-4AxxxxF	EDGE Harness, Type-A, Pinned MTP PRO to LC Uniboot, Plenum Stagger 4, 6-in uniform LC legs, xxx ft
H897812GPH-5AxxxxF	H937912QPH-5AxxxxF	EDGE Harness, Type-A, Pinned MTP PRO to LC Uniboot, Plenum Stagger 5, xxx ft

Harnesses – Non-Pinned		
Single-Mode (OS2)	Multimode	Description
H907812GPH-1BxxxxF	H757912QPH-1BxxxxF	EDGE Harness, Type-B, Non-Pinned MTP PRO to LC Uniboot, Plenum Stagger 1, xxx ft
H907812GPH-2BxxxxF	H757912QPH-2BxxxxF	EDGE Harness, Type-B, Non-Pinned MTP PRO to LC Uniboot, Plenum Stagger 2, xxx ft
H907812GPH-3BxxxxF	H757912QPH-3BxxxxF	EDGE Harness, Type-B, Non-Pinned MTP PRO to LC Uniboot, Plenum Stagger 3, xxx ft
H907812GPH-4BxxxxF	H757912QPH-4BxxxxF	EDGE Harness, Type-B, Non-Pinned MTP PRO to LC Uniboot, Plenum Stagger 4, 6-in uniform LC legs, xxx ft
H907812GPH-5BxxxxF	H757912QPH-5BxxxxF	EDGE Harness, Type-B, Non-Pinned MTP PRO to LC Uniboot, Plenum Stagger 5, xxx ft

### Additional Products

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

## Panels/Modules

Panels		
Single-Mode (OS2)	Multimode	Description
EDGE-CP24-90	EDGE-CP24-E3	24-Fiber MTP® Adapter Panel
EDGE-CP48-90	EDGE-CP48-E3	48-Fiber MTP Adapter Panel
EDGE-CP72-U1	EDGE-CP72-U3	72-Fiber MTP Adapter Panel

Tap Modules		
Single-Mode (OS2)	Multimode	Description
ETM-5A-G	ETM-5A-Q	EDGE™ Tap Module, Type-A (LC to LC), 50/50 split ratio
ETM-5B-G	ETM-5B-Q	EDGE Tap Module, Type-B (MTP to LC), 50/50 split ratio
ETM-5C-G	ETM-5C-Q	EDGE Tap Module, Type-C (MTP to MTP), 50/50 split ratio
ETM-7A-G	ETM-7A-Q	EDGE Tap Module, Type-A (LC to LC), 70/30 split ratio
ETM-7B-G	ETM-7B-Q	EDGE Tap Module, Type-B (MTP to LC), 70/30 split ratio
ETM-7C-G	ETM-7C-Q	EDGE Tap Module, Type-C (MTP to MTP), 70/30 split ratio

Modules		
Single-Mode (OS2)	Multimode	Description
ECM-UM12-04-89G	ECM-UM12-05-93Q	12-Fiber LC UPC Duplex to Pinned MTP Module
ECM-UM12-04-89G-ULL	ECM-UM12-05-93Q-ULL	Ultra-Low-Loss 12-Fiber LC UPC Duplex to Pinned MTP Module










## Hardware

Rack-Mountable Hardware		Rack-Less Brackets	
EDGE-01U	EDGE HD Housing, 1U, holds eight modules or panels	EDGE-BKT-WT-2RU	EDGE Housing Mounting Bracket for wire tray, 2U
EDGE-01U-SP	EDGE HD Housing, 1U, holds 12 modules or panels	EDGE-BKT-WT-4RU	EDGE Housing Mounting Bracket for wire tray, 4U
EDGE-02U	EDGE HD Housing, 2U, holds 24 modules or panels	EDGE-BKT-LR-2RU	EDGE Housing Mounting Bracket for ladder rack, 2U
EDGE-04U	EDGE HD Housing, 4U, holds 48 modules or panels	EDGE-BKT-LR-4RU	EDGE Housing Mounting Bracket for ladder rack, 4U










## Trunks

Non-Armored Plenum Trunks, 33-in Leg Length, Non-Pinned MTP to Non-Pinned MTP, Pulling Grip One Side		
Fiber Count	Single-Mode (OS2)	Multimode
12	G909012GPNDUxxxF	G757512QPNDUxxxF
24	G909024GPNDUxxxF	G757524QPNDUxxxF
48	G909048GPNDUxxxF	G757548QPNDUxxxF
72	G909072GPNDUxxxF	G757572QPNDUxxxF
96	G909096GPNDUxxxF	G757596QPNDUxxxF
144	G9090E4GPNDUxxxF	G7575E4QPNDUxxxF

## EDGE Solutions Fiber Optic Link: Multimode

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

## EDGE Solutions Fiber Optic Link: Single-Mode (OS2)

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

# Caged Area 8-Fiber Solution (Base-8)

## Jumpers

Jumpers		
Single-Mode (OS2)	Multimode	Description
787802GD120001M	797902QD120001M	Reverse Polarity LC Uniboot Jumper, 1 m
787802GD120002M	797902QD120002M	Reverse Polarity LC Uniboot Jumper, 2 m
787802GD120003M	797902QD120003M	Reverse Polarity LC Uniboot Jumper, 3 m
040402G5120001M	050502Q5120001M	LC Duplex Jumper, 1 m
040402G5120002M	050502Q5120002M	LC Duplex Jumper, 2 m
040402G5120003M	050502Q5120003M	LC Duplex Jumper, 3 m

Jumper in a Box		
Single-Mode (OS2)	Multimode	Description
7878-OS2-B70-01M	7979-OM4-B70-01M	Reverse Polarity LC Uniboosts, 1 m, Qty 70
7878-OS2-B70-02M	7979-OM4-B70-02M	Reverse Polarity LC Uniboosts, 2 m, Qty 70
7878-OS2-B70-03M	7979-OM4-B70-03M	Reverse Polarity LC Uniboosts, 3 m, Qty 70
0404-ZR2-B70-01M	0505-ZR4-B70-01M	LC Duplex Jumpers, zipcord, 1 m, Qty 70
0404-ZR2-B70-02M	0505-ZR4-B60-02M	LC Duplex Jumpers, zipcord, 2 m, Qty 60
0404-ZR2-B60-03M	0505-ZR4-B50-03M	LC Duplex Jumpers, zipcord, 3 m, Qty 50

Non-Pinned MTP® PRO to Non-Pinned MTP PRO Jumpers		
Single-Mode	Multimode	Description
JE8E808GE8-NAxxxF	JE6E608QE8-NAxxxF	Type-A Jumper, xxx ft
JE8E808GE8-NBxxxF	JE6E608QE8-NBxxxF	Type-B Jumper, xxx ft

Non-Pinned MTP PRO to Pinned MTP PRO Jumpers		
Single-Mode (OS2)	Multimode	Description
JE7E808GE8-NAxxxF	JE5E608QE8-NAxxxF	Type-A Jumper, xxx ft
JE7E808GE8-NBxxxF	JE7E808GE8-NBxxxF	Type-B Jumper, xxx ft

Pinned MTP PRO to Pinned MTP PRO Jumpers		
Single-Mode (OS2)	Multimode	Description
JE7E708GE8-NAxxxF	JE5E508QE8-NAxxxF	Type-A Jumper, xxx ft
JE7E708GE8-NBxxxF	JE5E508QE8-NBxxxF	Type-B Jumper, xxx ft

### Notes:

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

## Harnesses

Harnesses – Pinned		
Single-Mode (OS2)	Multimode	Description
HE77808GPH-1A0xxF	HE57908QPH-1A0xxF	EDGE8® Harness, Type-A, Pinned MTP® PRO to LC Uniboot, Plenum Stagger 1, xx ft
HE77808GPH-2A0xxF	HE57908QPH-2A0xxF	EDGE8 Harness, Type-A, Pinned MTP PRO to LC Uniboot, Plenum Stagger 2, xx ft
HE77808GPH-3A0xxF	HE57908QPH-3A0xxF	EDGE8 Harness, Type-A, Pinned MTP PRO to LC Uniboot, Plenum Stagger 3, xx ft
HE77808GPH-4A0xxF	HE57908QPH-4A0xxF	EDGE8 Harness, Type-A, Pinned MTP PRO to LC Uniboot, Plenum Stagger 4, xx ft
HE77808GPH-5A0xxF	HE57908QPH-5A0xxF	EDGE8 Harness, Type-A, Pinned MTP PRO to LC Uniboot, Plenum Stagger 5, xx ft

Harnesses – Non-Pinned		
Single-Mode (OS2)	Multimode	Description
HE87808GPH-1B011F	HE67908QPH-1B011F	EDGE8 Harness, Type-B, Non-Pinned MTP PRO to LC Uniboot, Plenum Stagger 1, xx ft
HE87808GPH-2B011F	HE67908QPH-2B011F	EDGE8 Harness, Type-B, Non-Pinned MTP PRO to LC Uniboot, Plenum Stagger 2, xx ft
HE87808GPH-3B011F	HE67908QPH-3B011F	EDGE8 Harness, Type-B, Non-Pinned MTP PRO to LC Uniboot, Plenum Stagger 3, xx ft
HE87808GPH-4B011F	HE67908QPH-4B011F	EDGE8 Harness, Type-B, Non-Pinned MTP PRO to LC Uniboot, Plenum Stagger 4, xx ft
HE87808GPH-5B011F	HE67908QPH-5B011F	EDGE8 Harness, Type-B, Non-Pinned MTP PRO to LC Uniboot, Plenum Stagger 5, xx ft

## Additional Products

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



## Panels/Modules

Panels		
Single-Mode (OS2)	Multimode	Description
EDGE8-CP08-V1	EDGE8-CP08-V3	8-Fiber MTP® Adapter Panel
EDGE8-CP16-V1	EDGE8-CP16-V3	16-Fiber MTP Adapter Panel
EDGE8-CP24-V1	EDGE8-CP24-V3	24-Fiber MTP Adapter Panel

Tap Modules		
Single-Mode (OS2)	Multimode	Description
ETM8-50A-G	ETM8-50A-Q	EDGE8 Tap Module, LC to LC, 50/50 split ratio
ETM8-50B-G	ETM8-50B-Q	EDGE8 Tap Module, MTP to LC, 50/50 split ratio
ETM8-50C-G	ETM8-50C-Q	EDGE8 Tap Module, MTP to MTP, 50/50 split ratio
ETM8-70A-G	ETM8-70A-Q-PREM	EDGE8 Tap Module, LC to LC, 70/30 split ratio
ETM8-70B-G	ETM8-70B-Q-PREM	EDGE8 Tap Module, MTP to LC, 70/30 split ratio
ETM8-70C-G	ETM8-70C-Q-PREM	EDGE8 Tap Module, MTP to MTP, 70/30 split ratio

Modules		
Single-Mode (OS2)	Multimode	Description
ECM8-UM08-04-E8G-ULL	ECM8-UM08-05-E6Q-ULL	12-Fiber LC UPC Duplex to Pinned MTP










## Hardware

Rack-Mountable Hardware		Rackless Brackets	
EDGE8-01U	EDGE8® Housing, 1 rack unit, holds up to 12 EDGE8 modules or panels	EDGE8-BKT-WT-2RU	EDGE8 Housing, 1 rack unit, holds up to 12 EDGE8 modules or panels
EDGE8-01U-SP	EDGE8 Housing, 1 rack unit, holds up to 18 EDGE8 modules or panels	EDGE8-BKT-WT-4RU	EDGE8 Housing, 1 rack unit, holds up to 18 EDGE8 modules or panels
EDGE8-02U	EDGE8 Housing, 2 rack unit, holds up to 36 EDGE8 modules or panels	EDGE8-BKT-LR-2RU	EDGE8 Housing, 2 rack unit, holds up to 36 EDGE8 modules or panels
EDGE8-04U	EDGE8 Housing, 4 rack unit, holds up to 72 EDGE8 modules or panels	EDGE8-BKT-LR-4RU	EDGE8 Housing, 4 rack unit, holds up to 72 EDGE8 modules or panels









## Trunks

Non-Armored Plenum Trunk, Pinned MTP to Pinned MTP, Pulling Grip One Side		
Fiber Count	Single-Mode (OS2)	Multimode
8	GE7E708GPNDUxxxF	GE5E508QPNDUxxxF
16	GE7E716GPNDUxxxF	GE5E516QPNDUxxxF
24	GE7E724GPNDUxxxF	GE5E524QPNDUxxxF
32	GE7E732GPNDUxxxF	GE5E532QPNDUxxxF
48	GE7E748GPNDUxxxF	GE5E548QPNDUxxxF
72	GE7E772GPNDUxxxF	GE5E572QPNDUxxxF

## EDGE8 Solutions Fiber Optic Link: Multimode

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

## EDGE8 Solutions Fiber Optic Link: Single-Mode (OS2)

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

# Member Programs

## Elite Advantage Program

The Elite Advantage program provides architects, consultants, and engineers with the tools, training, and resources for their evolving businesses' needs. Members have direct access to Corning's experts for design/technical support and access to our network of experienced integrators, installers, and distributors. Be Informed. Be Connected. Be Elite.

[eliteadvan@corning.com](mailto:eliteadvan@corning.com) • [www.corning.com/eap](http://www.corning.com/eap)

## Fiber IQ® Program

The Fiber IQ® program provides a direct line of communication between Corning and industry-leading fiber optics trainers. The program is designed to keep instructors informed of Corning's latest innovations and product releases, and it provides members with the most current fiber training materials.

[fiberiq@corning.com](mailto:fiberiq@corning.com)  
[www.corning.com/opcomm/fiberiq](http://www.corning.com/opcomm/fiberiq)

## 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 LANscape® solutions extended warranty.

[npi@corning.com](mailto:npi@corning.com) • [www.corning.com/npi](http://www.corning.com/npi)

## Corning® Everon™ Solutions Network

The Everon Solutions Network (ESN), formerly Wireless Integrator Network (WIN), program provides members with tools, education, and resources to design, install, and commission our in-building wireless solutions. We developed the program with your business in mind to address the specific challenges you face daily and extend your technical and professional networks to gain customers and win business.

[winprogram@corning.com](mailto:winprogram@corning.com)  
[www.corning.com/opcomm/win](http://www.corning.com/opcomm/win)

# See the Light<sup>®</sup> 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/opcomm/stl](http://www.corning.com/opcomm/stl) for a full list of our training offerings.

## Webinar Series

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

To find the full list of available webinars, visit:  
[www.corning.com/opcomm/webinars](http://www.corning.com/opcomm/webinars)

## Instructor-Led Classes and Seminars

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

To view our hands-on seminar schedule, visit:  
[www.corning.com/opcomm/seminars](http://www.corning.com/opcomm/seminars).

To view our multiday design and installation training courses, visit:  
[www.corning.com/opcomm/designandinstall](http://www.corning.com/opcomm/designandinstall)

## Online Learning

We understand that classroom training is not always an option. Learning opportunities are available when and where you need them through See the Light Learning Central, our on-demand learning platform. To gain access to See the Light Learning Central, email [stlinfo@corning.com](mailto:stlinfo@corning.com).

## Industry-Approved Courses

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

For more information or to sign up to receive email updates on training visit:  
[www.corning.com/opcomm/stl](http://www.corning.com/opcomm/stl)

If you have any questions, email us at [stlinfo@corning.com](mailto:stlinfo@corning.com).





# Authorized Distributors

We understand that your pay-as-you-grow LAN or data center infrastructures depend on modular products delivered fast. To meet your requirements, we've nurtured long-term relationships with authorized distributors who stock our products and further support your needs, including training, customer needs assessment, project planning, design, logistics, and equipment. Whether you are an end user, contractor, or installer, connect with their sales and technical support teams about your Corning solution today.

**Accu-Tech**<sup>®</sup>  
[www.accu-tech.com](http://www.accu-tech.com)

**ANIXTER**<sup>®</sup>  
[www.anixter.com](http://www.anixter.com)

**GraybaR**<sup>®</sup>  
[www.graybar.com](http://www.graybar.com)

**WESCO**<sup>®</sup>  
[www.wesco.com](http://www.wesco.com)



# Technical Support

Your customers and users expect reliable connectivity, and we know it takes more than products to deliver on those expectations. That's why we offer collaborative global support for your network.

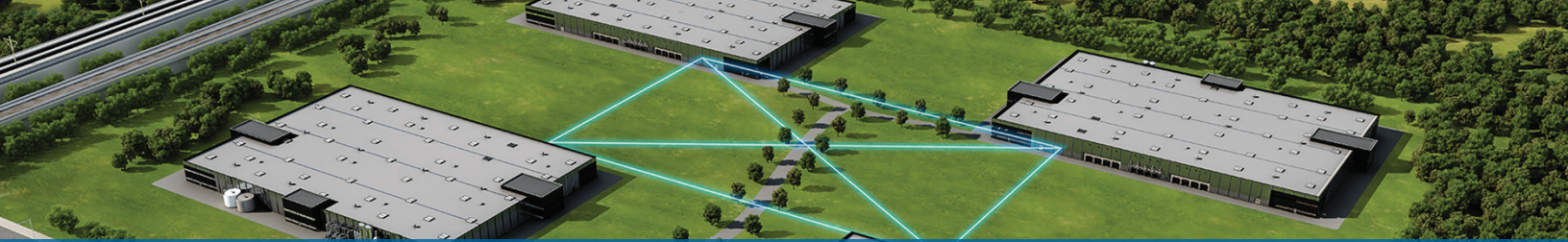
Connect with our network professionals at any phase of your project to take advantage of their training, experience, and equipment for a cost-effective, high-quality result. Our experts offer design and training services, technical assistance, and customer support resources.

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](http://www.corning.com/professional-services)



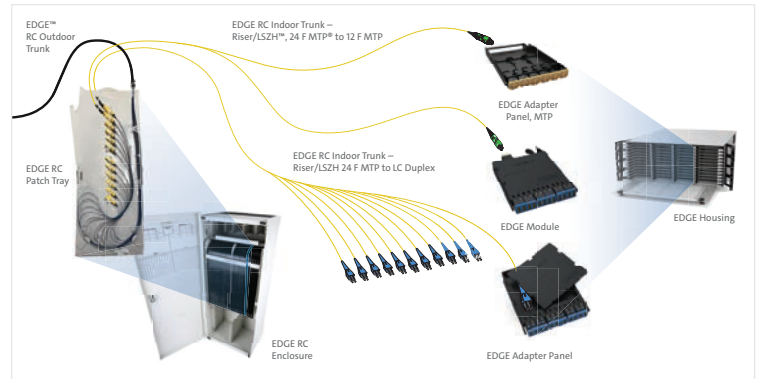


# EDGE™ Rapid Connect

## Data Center Interconnect Preterminated Solution

Designed with new Fast-Track MTP® Connectors and routable subunits, this rugged, high-density cabling solution is optimized to let you complete data center interconnects faster than ever. It matches the density found in comparable data center interconnect splicing solutions, no splicing necessary, saving you up to 70% on installation time when installing trunk cables between data center buildings. And our engineering support team can help make sure your deployment is a success.

If you're ready to eliminate the time and complexity of splicing, visit [www.corning.com/edge-rapid-connect](http://www.corning.com/edge-rapid-connect) to learn more.



# Resources

Bill-of-Materials Tool

[www.opcomm.corning.com/1-ENBOMTOOL.html](http://www.opcomm.corning.com/1-ENBOMTOOL.html)

Product Drawings Selection Tool

[www.opcomm.corning.com/CorningDrawingDatabase.html](http://www.opcomm.corning.com/CorningDrawingDatabase.html)

Installation and Promotional Videos

[www.corning.com/opcomm/videos](http://www.corning.com/opcomm/videos)

YouTube Channel

[www.corning.com/opcomm/youtube](http://www.corning.com/opcomm/youtube)

Training and Webinars

[www.corning.com/opcomm/training](http://www.corning.com/opcomm/training)

Technical Library

[www.corning.com/resource-library](http://www.corning.com/resource-library)

Professional Services

[www.corning.com/professional-services](http://www.corning.com/professional-services)

Request for Quote

**800-743-2675 (United States and Canada)**  
**+1-828-901-5000 (International)**

Order Tracker

[www.ordertracker.corning.com](http://www.ordertracker.corning.com)

Spanish-Language Programs and Resources

[www.corning.com/opcomm/pge.aspx](http://www.corning.com/opcomm/pge.aspx)

Technical Support

**800-743-2673**

Customer Care

**800-743-2675 (United States and Canada)**  
**+1-828-901-5000 (International)**  
[ccsamericas@corning.com](mailto:ccsamericas@corning.com)



# LET'S CONNECT!

Corning Representative: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Corning Representative: \_\_\_\_\_

Email: \_\_\_\_\_

Phone Number: \_\_\_\_\_

Distribution Representative: \_\_\_\_\_



Corning Optical  
Communications  
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Corning Optical Communications LLC • 4200 Corning Place • Charlotte, NC 28216 USA  
800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • [corning.com/opcomm](http://corning.com/opcomm)

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