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.

Contents

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

For MTDC Operations:
- Dedicated National Account Manager
- Competitive, quick response for pricing inquiries
- Rapid product delivery supported through our national distribution network
- Award-winning customer care dedicated to program members
- Design and systems engineering team dedicated to program members
- Customizable, live training webinars
- On-site training

For Customers Going Into an MTDC:
Let us provide peace of mind by connecting you to a member of the MTDC Complete Connections Program. They have the products, services, and experience to put your business on the path to success.

The MTDC Complete Connections Program connects you to:

A network of trusted MTDC operators and certified systems integrators who receive preferred access to Corning training, service, and technology.

World-class MTDC facility optical backbone infrastructure.

Global distribution inventory to provide rapid physical layer availability, anywhere you need it.

For more information, visit **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.

Enabling Connections in all Areas

Outside Plant
Cable and Meet-Me Room

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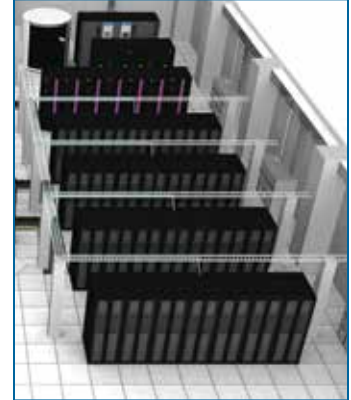
Backbone Cabling

- 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

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**

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.
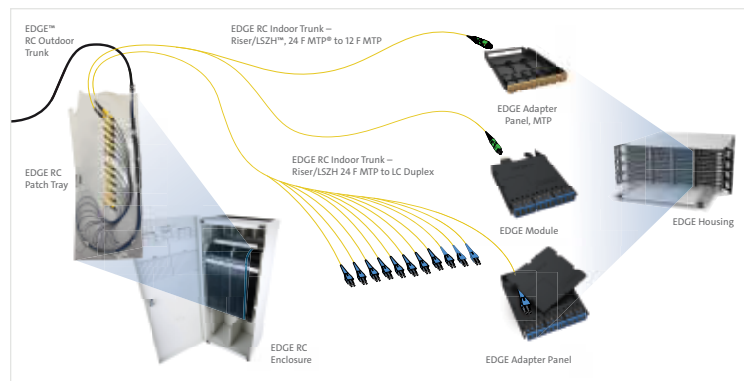
EDGE™ Rapid Connect

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.


EDGE™
RC Outdoor
Trunk

EDGE RC Indoor Trunk —
Riser/LSZH™, 24 F MTP® to 12 F MTP

EDGE Adapter
Panel, MTP

EDGE RC
Patch Tray

EDGE RC Indoor Trunk —
Riser/LSZH 24 F MTP to LC Duplex

EDGE Module

EDGE Housing

EDGE RC
Enclosure

EDGE Adapter Panel

If you're ready to eliminate the time and complexity of splicing, visit **www.corning.com/edge-rapid-connect** to learn more.

Field-Terminated Data Center Interconnections

Field-Terminated Data Center Interconnect Solutions

Our routable subunits are optimized for your entire data center interconnect solution. Starting at your outside plant all the way to your cross-connect, it can help meet the increasing bandwidth demands in your most challenging environment. Plus, compared to competitive solutions on the market, our DCI solutions reduce installation time by up to 50%!*
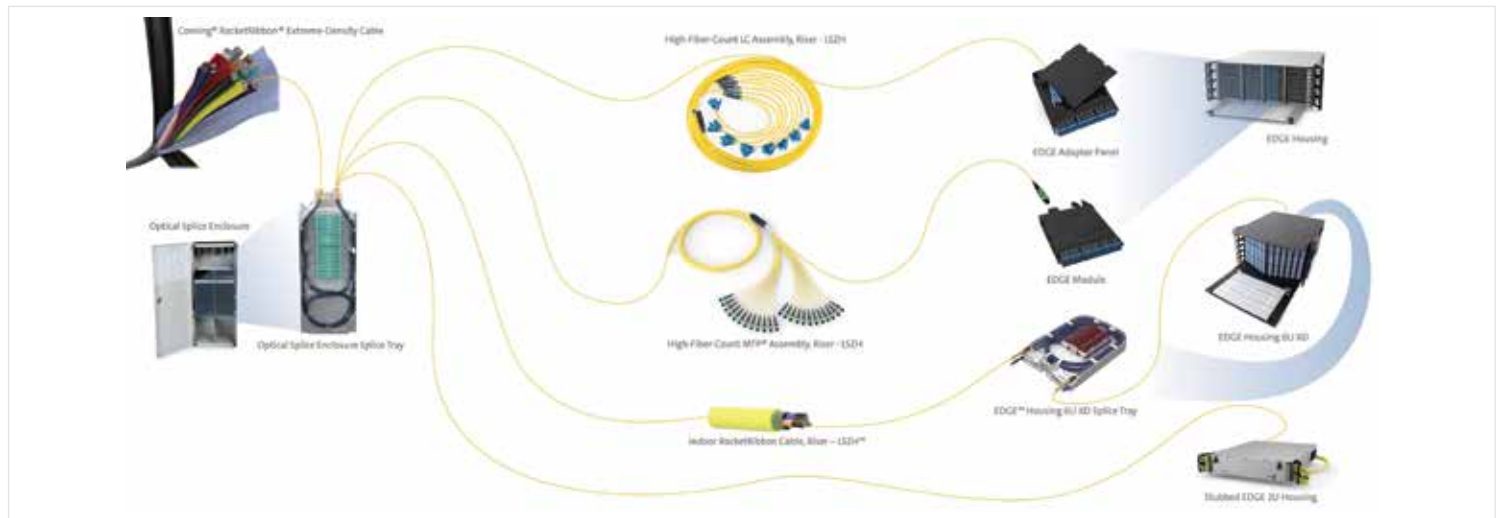
*The 50% savings refers to the time to furcate, route, and splice our solution compared to competitive solutions on the market.

Packaging Spotlight

Jumper Packaging Options
Figure-8 Packaging
- Lower waste-removal fees
- Pulls from either end
- Faster install time

See the Figure-8
Packaging at Work

Jumper in a Box ECO Series
- Color to denote SM or MM
- Length easily visible
- Linked bags
- Numbered bags
- Eco-friendly version with
  on-site inventory and reusable
  plastic box
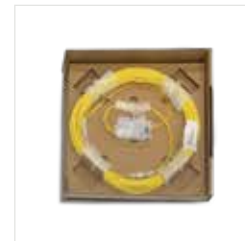- Refill option
- Environmental messaging

Packaging Options

Figure-8 Packaging

Reel Packaging

Box Packaging

To learn more about Jumper in a Box visit **www.corning.com/jiab**

Leading Solutions by Scenario

	Corning® RocketRibbon® Extreme-Density Cable	Optical Splice Enclosure	Indoor RocketRibbon Cable, Riser — LSZH™	EDGE™ Housing 6U XD
Connecting data centers on a campus				

	ALTOS® Ribbon Dielectric Cable	Closet Connector Housing (CCH) Pigtail Cassette	Closet Connector Housing (CCH)
Transitioning carrier outside plant (OSP) cable into the data center			

	FREEDM® Ribbon, Indoor/Outdoor, Gel-Free Cable	Closet Connector Housing (CCH) Pigtail Cassette	Closet Connector Housing (CCH)
Eliminating the transition splice point			

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 Ribbon Cable

Corning® RocketRibbon® Cables	Part Number
RocketRibbon® Cable, 200 µm, 1,728 F, Corning® 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

RocketRibbon Extreme-Density Cable, 1,728 Fibers

MiniXtend HD Cable with Binderless FastAccess Technology, 432 Fibers

Micro Cable

MiniXtend® Cables With Binderless* FastAccess® Technology	Part Number
MiniXtend® HD Cables With Binderless* FastAccess® Technology 144 F	144ZH4-Y4F40A20
MiniXtend HD Cables With Binderless FastAccess Technology 192 F	192ZH4-Y4F40A20
MiniXtend HD Cables With Binderless FastAccess Technology 216 F	216ZH4-Y4F40A20
MiniXtend HD Cables With Binderless FastAccess Technology 288 F	288ZH4-Y4F40A20
MiniXtend HD Cables With Binderless FastAccess Technology 432 F	432ZH4-S4F40A20

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-T4M01A20 for 12 fibers.
x = indicates fiber size 0=250 4=200

Meet-Me Room Options

Indoor Ribbon Cable

Description	Part Number
Ribbon Cable, Plenum, 12 F, Single-mode (OS2)	012EC8-14101-20
Ribbon Cable, Plenum, 48 F, Single-mode (OS2)	048EC8-14101-20
Ribbon Cable, Plenum, 144 F, Single-mode (OS2)	144EC8-14101-20
UltraRibbon™ Dry Cable, Plenum, 288 F, Single-mode (OS2)	288ZV8-14101-20
UltraRibbon Dry Cable, Plenum, 432 F, Single-mode (OS2)	432ZV8-14101-20

Indoor Armored Ribbon Cable

Description	Part Number
Ribbon Interlocking Armored Cable, Plenum, 12 F, Single-mode (OS2)	012EC8-14101-A3
Ribbon Interlocking Armored Cable, Plenum, 48 F, Single-mode (OS2)	048EC8-14101-A3
Ribbon Interlocking Armored Cable, Plenum, 144 F, Single-mode (OS2)	144EC8-14101-A3
UltraRibbon Indoor, Dry, Interlocking Armored Cables, Plenum, 288 F, Single-mode (OS2)	288EV8-14101-A3
UltraRibbon Indoor, Dry, Interlocking Armored Cables, Plenum, 432 F, Single-mode (OS2)	432EV8-14101-A3

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

EDGE 2U-XD

Optical Splice Enclosure - RXD (OSE-RXD)

EDGE 6U-XD

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	Corning® 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

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.

Closet Connector Housing

Closet Connector Housing LC Panel

LC Duplex Assemblies

Leading Solutions by Scenario

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

Low-density splicing between distribution areas

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

LC Assemblies between distribution areas

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

MTP® Assemblies between distribution areas

The color-coded headers for the solutions above correspond to the same color-coded headers for the products on the next two pages.
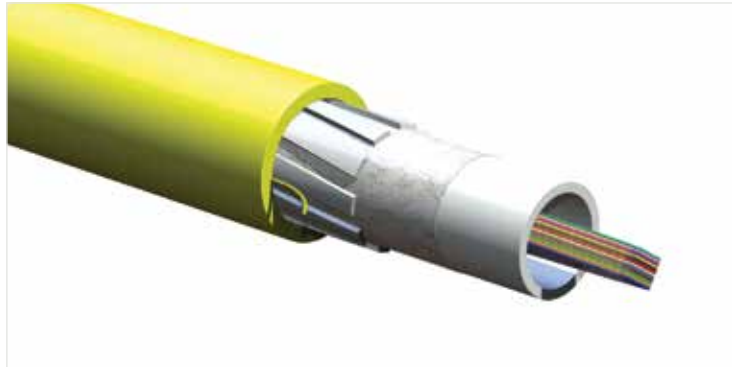
Indoor 900 Micron Loose Tube Cable

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)

Ribbon Cable, Plenum, 144 Fibers

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

FuseLite 2 SC Connectors and Packaging   CCH Pigtail Cassette, MTP®, 24 Fibers

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)

Closet Connector Housing LC Panel

EDGE MTP Trunks

Cable Assemblies with MTP® Connectors

Multifiber Cable Assemblies with MTP® Connectors	
G909036GPNDDP010M	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
G909072GPNDDP010M	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
G9090E4GPNDDP010M	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
G9090U8GPNDDP010M	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
G9090AKGPNDDP010M	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

Pre-Stubbed Hardware and 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

RocketRibbon Indoor Plenum Cable Assembly

Preconnectorized EDGE-02U with routable subunits

Main Distribution Area

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.

EDGE™ Housing

EDGE Module

EDGE MTP® Trunk

EDGE MTP Panel

Leading Solutions by Scenario

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

Standard-density splicing

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

Standard-density connectivity

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

High-density connectivity

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

Lockable Uniboot Jumper

Jumper in a Box ECO

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 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

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

Factory-installed non-contact caps ensure a factory-clean connector ready for installation.

Corning® CleanAdvantage™ Technology

MTP Jumpers

MTP PRO with Push-Pull Boot Jumpers and Corning® CleanAdvantage™ Technology	
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 8 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)

MTP PRO with Push-Pull Boot Jumpers

EDGE-04U Housing

Caged Area

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.

EDGE™ MTP® Trunk

EDGE Harness

Caged Area 12-Fiber Solution (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 Uniboots, 1 m, Qty 70
7878-OS2-B70-02M	7979-OM4-B70-02M	Reverse Polarity LC Uniboots, 2 m, Qty 70
7878-OS2-B70-03M	7979-OM4-B70-03M	Reverse Polarity LC Uniboots, 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-NAxxxF	J757512QE8-NAxxxF	Type-A Jumper, xxx ft
J909012GE8-NBxxxF	J757512QE8-NBxxxF	Type-B Jumper, xxx ft

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

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

Harnesses

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

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

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

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	G909012GPNDDUxxxF	G757512QPNDDUxxxF
24	G909024GPNDDUxxxF	G757524QPNDDUxxxF
48	G909048GPNDDUxxxF	G757548QPNDDUxxxF
72	G909072GPNDDUxxxF	G757572QPNDDUxxxF
96	G909096GPNDDUxxxF	G757596QPNDDUxxxF
144	G9090E4GPNDDUxxxF	G7575E4QPNDDUxxxF

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 Uniboots, 1 m, Qty 70
7878-OS2-B70-02M	7979-OM4-B70-02M	Reverse Polarity LC Uniboots, 2 m, Qty 70
7878-OS2-B70-03M	7979-OM4-B70-03M	Reverse Polarity LC Uniboots, 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

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

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

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	
EDGE8-01U	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
EDGE8-02U	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

Rackless Brackets	
EDGE-BKT-WT-2RU	EDGE8 Housing, 1 rack unit, holds up to 12 EDGE8 modules or panels
EDGE-BKT-WT-4RU	EDGE8 Housing, 1 rack unit, holds up to 18 EDGE8 modules or panels
EDGE-BKT-LR-2RU	EDGE8 Housing, 2 rack unit, holds up to 36 EDGE8 modules or panels
EDGE-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	GE7E708GPNDDUxxxF	GE5E508QPNDDUxxxF
16	GE7E716GPNDDUxxxF	GE5E516QPNDDUxxxF
24	GE7E724GPNDDUxxxF	GE5E524QPNDDUxxxF
32	GE7E732GPNDDUxxxF	GE5E532QPNDDUxxxF
48	GE7E748GPNDDUxxxF	GE5E548QPNDDUxxxF
72	GE7E772GPNDDUxxxF	GE5E572QPNDDUxxxF

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

MTDC Certified Fiber Design Training Course

This seven-hour course is aimed at the multitenant data center ecosystem, which includes integrators, MTDC operations, and data center technicians who design fiber optic infrastructure. We will discuss fiber basics and data center solutions from outside plant cable, structured cabling infrastructure, and MTDC cage solutions. After this, we will review data center standards and walk through case studies for multiple scenarios that attendees may see in a data center or within the MTDC facility.

No prerequisite: Basic understanding of fiber optic theory, connectivity, and design is recommended.

CORNING
MTDC
Complete Connections
Program

Instructional Areas:
- Theory, fiber, and sources
- Interconnecting buildings (DCI)
- Cable
- Case study walkthrough for DCI
- Connectivity preterminated solutions
- Hardware
- Case study walkthrough for a preterm design
- Networking
- Case study walkthrough (MMR1 to MMR2 design considerations)

Who Should Attend?
Geared for system designers looking to expand on their fiber optic knowledge.

Need more information on our training opportunities or looking for customer site training? Please email us at STLinfo@corning.com

7 BICSI CECs | 7 hours Duration

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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.

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www.corning.com/data-center/worldwide/en/home/products/edge-rapid-connect.html

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