CORNING

EDGE8® Solutions

Introducing EDGE8® Solutions

Our EDGE™ solutions were the industry's first preterminated optical cabling systems specifically designed for the data center environment, and the value that EDGE provides to the industry continues to be proven. Density, network uptime, speed, simplicity, and a clear migration path to meet future requirements–EDGE addresses it all. However, switch and transceiver technology road maps clearly indicate that transmission speeds ranging from 1G to 400G will be based on either 2-fiber (Base-2) or 8-fiber (Base-8) connectivity solutions.

That's the motivation behind EDGE8® solutions. All of the value of our original EDGE solutions, with the added superior network scalability, improved link performance, and 100% fiber utilization of a Base-8 design.

EDGE8 solutions strengthen your data center in three key areas:

- increased asset utilization with reduced jumper complexity and the elimination of stranded cabling assets
- technology adoption due to 100% fiber utilization — without the need for conversion modules — improving the link performance while reducing costs
- risk avoidance, providing a simple and clear path to 40G, 100G, and 400G

Wide range of solutions for extended flexibility
EDGE solutions consist of an extensive range of housings, trunks, modules, adapter panels, harnesses, jumpers, and accessories.

Increased system density
EDGE solutions offer increased system density compared to traditional preterminated systems and the highest port density in the market.

Scale
EDGE and EDGE8 solutions are backed by Corning's robust operational infrastructure, meaning a durable supply chain and factory testing for a 100% product quality guarantee. And once your data center deployment is completed, you can expect more uptime than ever before.

Interoperability
As technology evolves and higher data rates become the norm, cabling infrastructures installed today must provide scalability to accommodate more bandwidth. Since EDGE8® and EDGE solutions are backward compatible, you can start small now and be ready for the future.

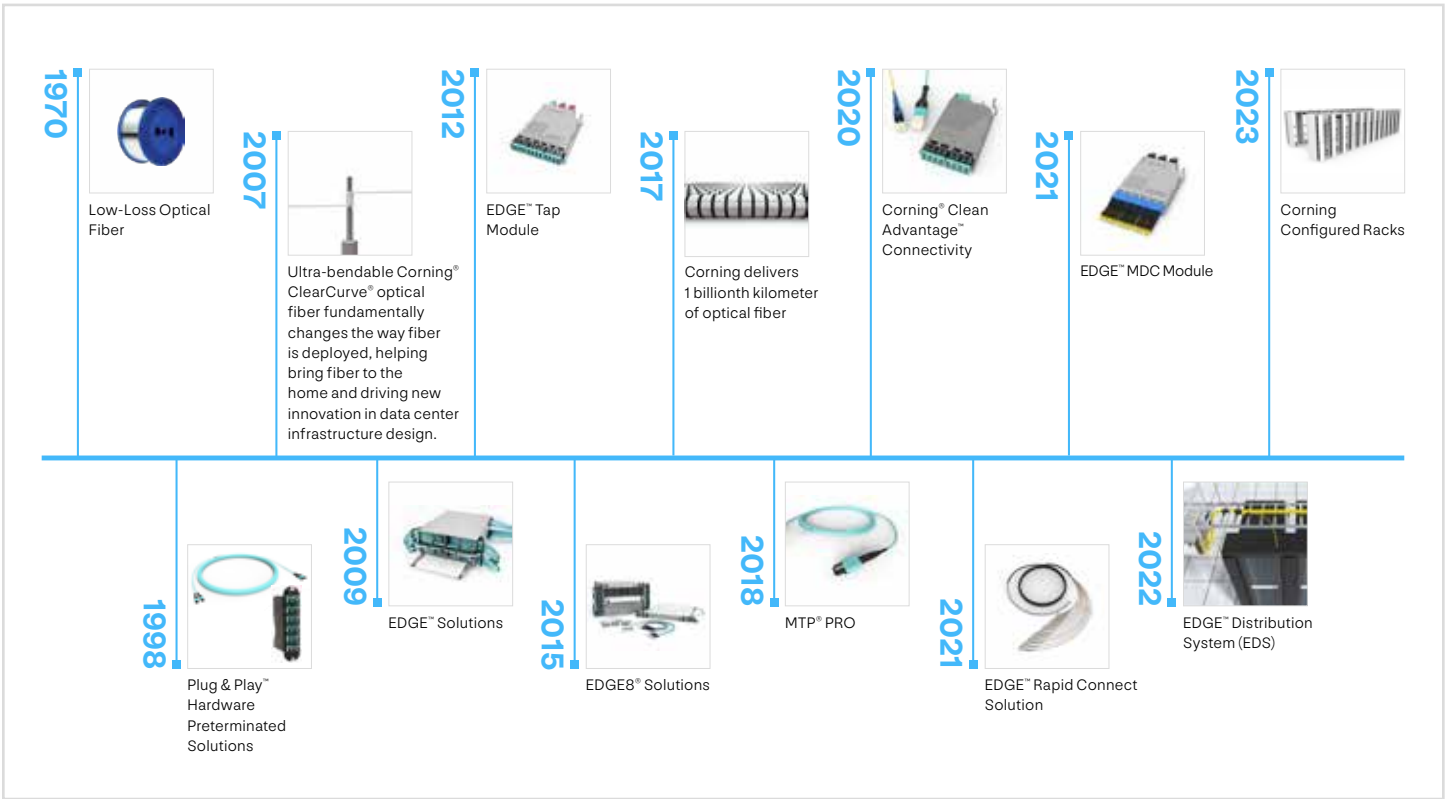
Advanced Technology

Corning® ClearCurve® bend-optimized multimode and Corning® SMF-28® single-mode optical fibers are the core elements of the EDGE system, ensuring reliability when designing custom-engineered components thanks to its significant reduction in macrobend loss even in the most challenging bend scenarios. This technology enables Corning to provide significantly greater density across the range combined with a simple design and integration for LAN and SAN areas within the data center, while the preterminated components reduce installation times and enable faster moves, adds, and changes (MACs).

All EDGE8 solutions products, with the exception of TAP modules, are manufactured with Corning® CleanAdvantage™ technology, a new cleaning process implemented at the factory-level that uses residue-free cleaning fluids. Corning's proprietary nozzle design enables a focused and directed spray to the end face, virtually cleaning the entire ferrule. All CleanAdvantage products are also shipped with an optimized dust cap engineered to maintain the end face cleanliness until the first mating connection. CleanAdvantage technology eliminates the need for scoping and cleaning prior to the initial field connection, reducing installation time and cost.

EDGE™ Innovation Timeline

Across the years, we've expanded the EDGE™ portfolio to include a wide breadth of solutions. Our commitment to this groundbreaking platform has led to award-winning performance that has been deployed in thousands of data centers worldwide.



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EDGE8® Solutions Overview

EDGE8® solutions are Base-8, high-density preterminated optical cabling solutions offering the most future-ready solution to support 40G, 100G, and 400G transmission requirements. With all the benefits of the Corning EDGE™ solution, EDGE8 offers superior network scalability and improved link performance.

EDGE8 Solutions

Features	Benefits
Corning® ClearCurve® fiber creates smaller form-factor components for more rugged cabling	Improves airflow and reduces risk of downtime due to pinched or bent cables.
Corning® CleanAdvantage™ technology and optimized dust cap connection	Eliminates the need for scoping and cleaning prior to initial field
MTP PRO Connector and Push-Pull Boot	Allows for pinning and polarity changing in the field while enabling easier mating and unmating in extremely dense applications.*
MTP assemblies with reduced footprint and cable OD	Reduces congestion in high-connectivity environment.
8-fiber MTP® connectors	Base-8 configuration allows for seamless migration to data rates of 40 and above.
Removable covers on the 1U and 2U housings	Provides easier access to modules and panels.
EDGE™ reverse polarity uniboot jumpers	Enables quick and easy polarity management.
Improved mounting brackets	Allows for one-person installation and depth adjustment in the rack
Bracket option for 23-in racks	Offers the ultimate design flexibility.
Strap-in strain-relief clips	Provides easier cable management.

*Not applicable to APC

Connected Mated Pair – Ultra Low Loss		
	Insertion Loss, Maximum OM3/OM4/OM5	OS2
LC Connector	0.10 dB	0.25 dB
MTP Connector	0.25 dB	0.35 dB

*All MTP on trunks are manufactured to meet ultra-low-loss values

Modules/Harnesses – Ultra Low Loss		
	Insertion Loss, Maximum OM3/OM4/OM5	OS2
Component Value	0.35 dB	0.6 dB

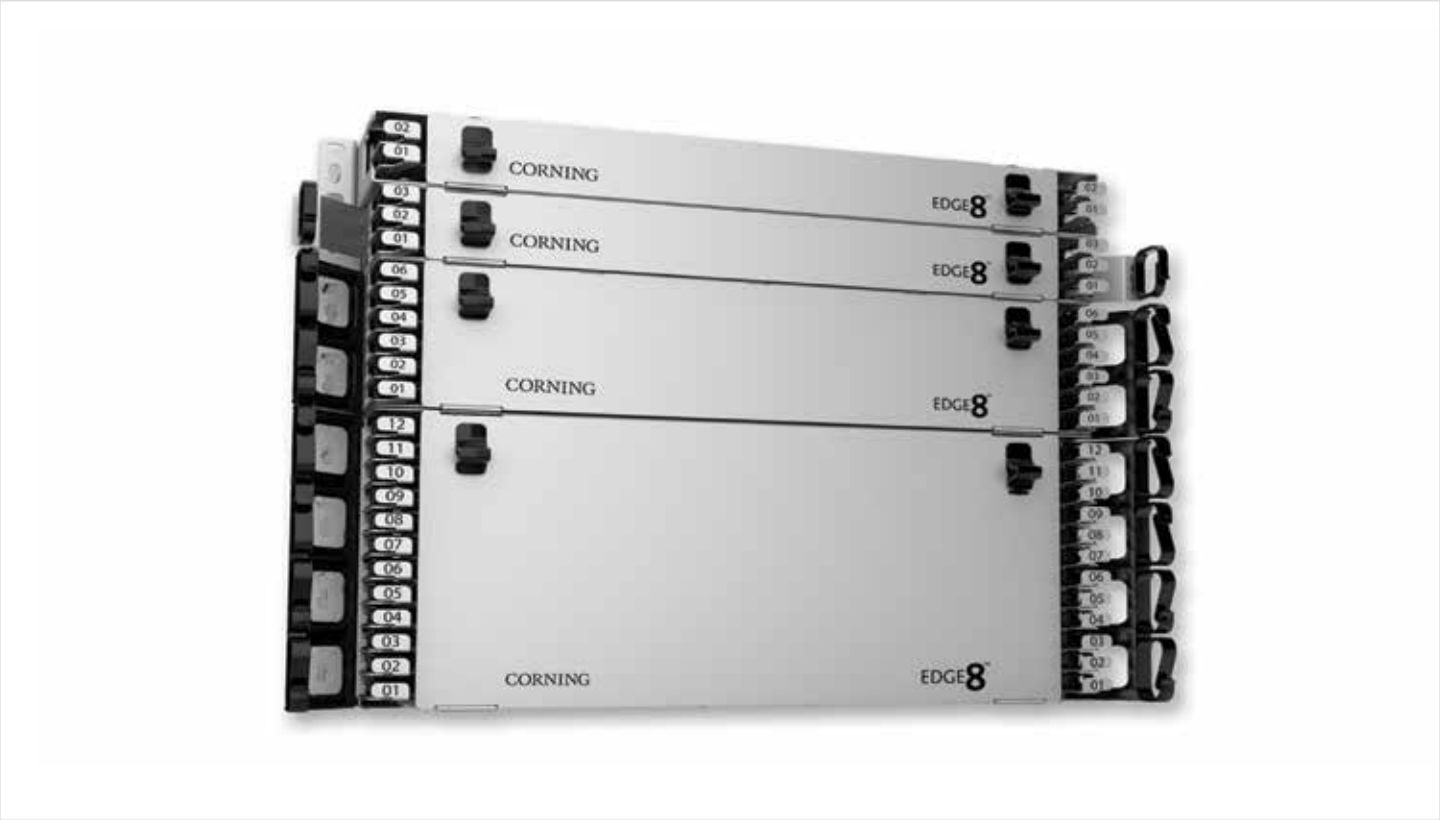
EDGE8® HD Housings

EDGE8® HD housings mount in 19-in racks or cabinets and provide industry-leading ultra-high-density connectivity when combined with EDGE8 modules, panels, harnesses, trunks, and jumpers.

The unique design of EDGE8 HD housings includes sliding drawers enabling module or panel installation from the front or rear of the housing. Each sliding drawer contains integrated cable routing elements to make real structured jumper management possible while providing unprecedented finger access without the need for tools or any other accessories. All EDGE8 HD housings come with additional side-routing guides for jumper integration to the cabinet. The adjustable mounting brackets provide flexible installation options for back-to-back or flush-mounting requirements, and the quick-mount feature makes it quick and easy for one person to install the housing with little effort.

The mounting and removal of trunks is a simple, quick, and tool-less operation enabling rapid deployment of high-fiber-count trunks for faster moves, adds, and changes (MACs).

Labeling the housing couldn't be easier with a full-size mounting area on the inside of the front door for the display of clear and concise information. The easily installable trunk mounting plate provides flexibility depending on your design (e.g., back-to-back) or application (e.g., reduced depth) concept.



EDGE8 High-Density Housing

EDGE8® Solutions Housing

EDGE8-01U | Photo REN457

EDGE8-01U-SP | Photo REN446

EDGE8-02U | Photo REN463

EDGE8-04U | Photo REN466

Features	Benefits
6-slot sliding drawers	Allow unprecedented finger access, easier jumper/harness routing, and port identification.
Quick mounting system	Enables one-person installation and depth adjustment of the housing in the rack.
Removable top covers on the 1U and 2U housings	Provides easier access to modules and panels.
Total flexibility in the same HD housing	- Accepts EDGE8® modules - Accepts EDGE8 port breakout modules - Accepts EDGE8 1x, 2x, and 4x MTP® adapter panels - Accepts EDGE8 port tap modules
High-port concentration with LC duplex and MTP Base-8 system	- 1U EDGE8 Housing EDGE8-01U 48x LC duplex ports (96 fiber) 48x MTP ports (384 fiber) - 1U EDGE8 Housing EDGE8-01U-SP 72x LC duplex ports (144 fiber) 72x MTP ports (576 fiber) - 2U EDGE8 Housing EDGE8-02U 144x LC duplex ports (288 fiber) 144x MTP ports (1152 fiber) - 4U EDGE8 Housing EDGE8-04U 288x LC duplex ports (576 fiber) 288x MTP ports (2304 fiber)

Ordering Information

Part Number	Height	Dimensions (W x D x H)	Packaging Dimensions (W x D x H)	Shipping Weight	Number of Panels per Housing
EDGE8-01U	1U	432 mm x 561 mm x 44 mm	584 mm x 673 mm x 191 mm	6.8 kg (15 lb)	12
EDGE8-01U-SP	1U	432 mm x 561 mm x 44 mm	581 mm x 667 mm x 197 mm	8.2 kg (18 lb)	18
EDGE8-02U	2U	432 mm x 561 mm x 88 mm	578 mm x 667 mm x 241 mm	10.4 kg (23 lb)	36
EDGE8-04U	4U	432 mm x 561 mm x 177 mm	578 mm x 667 mm x 327 mm	16.5 kg (36 lb)	72

Notes:

- When rear strain-relief plate is removed from part number EDGE8-01U-SP, product depth reduces to 14.9 in.
- EDGE-01U has sliding inner assembly. EDGE-01U-SP does not have sliding inner assembly.

EDGE8® FX Housings

EDGE8® FX housings mount in 19-in racks or cabinets and provide industry-leading high-density connectivity when combined with EDGE8 modules, panels, harnesses, trunks, and patch cables.

EDGE8 FX housings include a fixed, compact design providing module or panel deployment from the front or rear of the housing. The integrated cable routing elements of the housing make real structured patch cable management possible while providing unprecedented finger access without the need for tools or any other accessories.

All EDGE8 FX housings come with integrated side routing guides for patch cable integration to the cabinet. The adjustable mounting brackets provide flexible installation options for back-to-back or flush-mounting requirements. The new quick-mount feature makes it quick and easy for one person to install the housing with little effort.

The mounting and removal of trunks is a simple, quick, and tool-less operation enabling rapid deployment of high-fiber-count trunks for faster moves, adds, and changes (MACs).

Labeling the housing couldn't be simpler – there is a full-size mounting area on the inside of the front door for clear and concise information to be displayed. The easily installable trunk-mounting plate provides flexibility depending on your design (e.g., back-to-back) or application (e.g., reduced depth) concept.

EDGE8-04U-FP Housing | Photo REN1579

EDGE8® FX Housing

EDGE8® FX housings are available in 1U, 2U, and 4U sizes that mount in 19-in racks or cabinets as well as two other housings that can mount in the floor. Combine these housings with the EDGE™ modules, panels, trunks, harnesses, and jumpers to experience an industry-leading solution. The reduced depth of the rack-mount housings allows for the back-to-back installation in 4-post racks or cabinets as well as third-party floor boxes.

Ordering Information					
Part Number	Height	Dimensions (W x D x H)	Packaging Dimensions (W x D x H)	Shipping Weight	Number of Panels per Housing
EDGE8-01U-EMOD	1U	432 mm x 107 mm x 44.5 mm (17 in x 4.2 in x 1.75 in)	534 mm x 201 mm x 138 mm (21 in x 7.9 in x 5.4 in)	1.14 kg (2.5 lb)	12
EDGE8-01U-EMOD-SP	1U	433 mm x 107 mm x 44.5 mm (17 in x 4.2 in x 1.75 in)	535 mm x 201 mm x 138 mm (21 in x 7.9 in x 5.4 in)	1.28kg (2.8 lb)	18
EDGE8-01U-FP	1U	488 mm x 439 mm x 43 mm (19.2 in x 17.3 in x 1.7 in)	584 mm x 470 mm x 152 mm (22.9 in x 18.5 in x 5.9 in)	4.4 kg (9.6 lb)	12
EDGE8-02U-FP	2U	432 mm x 434 mm x 89 mm (17 in x 17.1 in x 3.5 in)	569 mm x 346 mm x 229 mm (22.4 in x 13.6 in x 9 in)	6.4 kg (14 lb)	24
EDGE8-04U-FP	4U	432 mm x 434 mm x 178 mm (17 in x 17.1 in x 7 in)	567 mm x 346 mm x 320 mm (22.4 in x 13.6 in x 7.25 in)	9.6 kg (21 lb)	48
EDGE8-FZB-04U	-	527 mm x 527 mm x 241 mm (20.75 in x 20.75 in x 9.5 in)	656 mm x 643 mm x 356 mm (25.8 in x 25.3 in x 14 in)	17.8 kg (39 lb)	48
EDGE8-SMH	-	152 mm x 102 mm x 25 mm (6 in x 4 in x 1 in)	229 mm x 184 mm x 57 mm (9 in x 7.25 in x 2.25 in)	1 kg (3 lb)	1

When rear strain-relief plate is removed, the depth reduces to 8.5-in for products EDGE-01U-FP/EDGE-02U-FP/EDGE-04U-FP. See hardware accessories for alternate strain-relief options.

EDGE8-01U-EMOD | Photo REN1454

EDGE8-01U-EMOD-SP | Photo LAN9913

EDGE8-01U-FP | Photo REN1140

EDGE8-02U-FP | Photo REN1616

EDGE8-04U-FP | Photo REN1579

EDGE8-SMH | Photo REN1973

EDGE8-FZB-04U | Photo REN1545

EDGE8® MTP® Trunks

EDGE8® MTP® trunks are preterminated cables with ultra-low-loss 8-fiber MTP PRO connectors. Available in MTP-to-MTP or MTP-to-LC configurations, these trunks provide the backbone of the passive network infrastructure and enable rapid deployment for your campus LAN or data center facility. All trunks are manufactured with Corning® CleanAdvantage™ technology and shipped with strain-relief clips, allowing for easy-and-quick tool-less installation in both EDGE8 solutions and Plug & Play™ systems housings.

EDGE8-02U Rear Side | Photo REN581

EDGE8 MTP to MTP Trunk | Photo REN7954

Features	Benefits
Corning CleanAdvantage technology and optimized dust cap	Eliminates the need for scoping and cleaning prior to initial field connection.
MTP PRO Connector and Push-Pull Boot	Allows for pinning and polarity changing in the field while enabling easier mating and unmating in extremely dense applications
Snap-in strain-relief clips	Provides easier cable management.
Pinned MTPs on both ends	Allows for a single pinless jumper deployment in parallel optic electronics deployments.
Small outer diameter	Improves cable tray fill ratio and allows for improved airflow.
Low-loss connectivity	Enables system design flexibility.
Bend-improved fiber	Allows tighter cable bends for slack storage and routing, less risk of downtime due to pinched or bent cables.

Note: Field polarity change is not applicable to APC

Mechanical Characteristics					
Fiber Count	Nominal Outer Diameter	Pulling Grip Outer Diameter	Weight	Minimum Bend Radius (Installation - 15x OD)	Minimum Bend Radius (Operation - 5x OD)
Non-Armored Cable Specifications					
8	5.0 mm (± 0.3 mm)	38 mm (1.5 in)	23.5 kg/km (15.8 lb/1,000)	75 mm (2.95 in)	25 mm (0.98 in)
16	7.0 mm (± 0.3 mm)	38 mm (1.5 in)	41.1 kg/km (27.6 lb/1,000)	105 mm (4.13 in)	35 mm (1.38 in)
24	7.0 mm (± 0.3 mm)	38 mm (1.5 in)	42.1 kg/km (28.3 lb/1,000)	105 mm (4.13 in)	35 mm (1.38 in)
32	8.1 mm (± 0.3 mm)	51 mm (2.0 in)	56.1 kg/km (28.7 lb/1,000)	121.5 mm (4.78 in)	40.5 mm (1.59 in)
48	8.1 mm (± 0.3 mm)	51 mm (2.0 in)	57.6 kg/km (38.7 lb/1,000)	121.5 mm (4.78 in)	40.5 mm (1.59 in)
72	10.2 mm (± 0.3 mm)	51 mm (2.0 in)	86.1 kg/km (57.9 lb/1,000)	153 mm (6.02 in)	51 mm (2.01 in)
96	10.2 mm (± 0.3 mm)	51 mm (2.0 in)	88.4 kg/km (59.4 lb/1,000)	153 mm (6.02 in)	51 mm (2.01 in)
144	12.5 mm (± 0.3 mm)	51 mm (2.0 in)	139.4 kg/km (93.7 lb/1,000)	187.5 mm (7.38 in)	62.5 mm (2.46 in)
192	16.0 mm (± 0.3 mm)	47 mm (1.85 in)	232.6 kg/km (156.3 lb/1,000)	240.0 mm (9.45 in)	80 mm (3.15 in)
288	22.9 mm (± 0.3 mm)	47 mm (1.85 in)	393.0 kg/km (264.1 lb/1,000)	343.5 mm (13.52 in)	114.5 mm (4.51 in)

Note: Plug size information: Fiber count 8-24 = Size 1 (h = 15 mm); Fiber count 32-144 = Size 2 (h = 20 mm).

Trunk Specifications

Mechanical Characteristics					
Fiber Count	Nominal Outer Diameter	Pulling Grip Outer Diameter	Weight	Minimum Bend Radius (Installation - 15x OD)	Minimum Bend Radius (Operation - 5x OD)
Armored Cable Specifications					
8	11.3 mm (± 0.3 mm)	51 mm (2.0 in)	102.6 kg/km (68.9 lb/1000)	169.5 mm (6.67 in)	56.5 mm (2.22 in)
16	12.6 mm (± 0.3 mm)	51 mm (2.0 in)	130.9 kg/km (88.0 lb/1000)	189 mm (7.44 in)	63 mm (2.48 in)
24	12.6 mm (± 0.3 mm)	51 mm (2.0 in)	131.6 kg/km (88.4 lb/1000)	189 mm (7.44 in)	63 mm (2.48 in)
32	13.7 mm (± 0.3 mm)	51 mm (2.0 in)	154.4 kg/km (103.7 lb/1000)	205.5 mm (8.09 in)	68.5 mm (2.7 in)
48	13.7 mm (± 0.3 mm)	51 mm (2.0 in)	155.9 kg/km (104.7 lb/1000)	205.5 mm (8.09 in)	68.5 mm (2.7 in)
72	16.6 mm (± 0.3 mm)	51 mm (2.0 in)	207.7 kg/km (139.6 lb/1000)	249 mm (9.8 in)	83 mm (3.27 in)
96	16.6 mm (± 0.3 mm)	51 mm (2.0 in)	210 kg/km (141.1 lb/1000)	249 mm (9.8 in)	83 mm (3.27 in)
144	18.8 mm (± 0.3 mm)	51 mm (2.0 in)	278.6 kg/km (187.2 lb/1000)	282 mm (11.1 in)	94 mm (3.7 in)
192	23.7 mm (± 0.3 mm)	51 mm (2.0 in)	421.4 kg/km (283.1 lb/1000)	355.5 mm (14.0 in)	118.5 mm (4.67 in)
288	31.3 mm (± 0.3 mm)	76 mm (3.0 in)	646.6 kg/km (434.5 lb/1000)	469.5 mm (18.48 in)	156.5 mm (6.16 in)

Note: Plug size information: Fiber count 8-24 = Size 1 (h = 15 mm); Fiber count 32-144 = Size 2 (h = 20 mm).

Optical Performance Multimode					
	Connector Polish	End Face	Reflectance	Maximum Insertion Loss	Operation
MTP® Trunks	PC	Flat	≤ -20 dB	≤ 0.25 dB*	-10°C to 60°C

Optical Performance Single-Mode					
	Connector Polish	End Face	Reflectance	Maximum Insertion Loss	Operation
MTP Trunks	APC	Angled	≤ -65 dB	≤ 0.35 dB*	-10°C to 60°C

Trunk Shipping Information

Reel Capacities – Non-Armored Cable Specifications							
Packaging Method	Box E	Box 20	Reel 1	Reel 2	Reel 3	Reel 4	Reel 5
Packaging Material	Coiled Cable	Coiled Cable	Corrugated Plastic Reel	Corrugated Plastic Reel	Corrugated Plastic Reel	Solid Plastic Reel	Solid Plastic Reel
Reel Diameter (in)		-	20.5	20.5	20.5	32	36
Reed Width (in)		-	5	10	16	20	20
Box Dimensions (in)	21 x 21 x 3.3	23.5 x 23.5 x 7					
Fiber Count	Maximum Length (ft)						
8	75	400	1,200	2,255	3,500	-	-
16	75	400	600	1,100	1,800	-	-
24	75	400	600	1,100	1,800	-	-
32	75	400	550	1,050	1,400	-	-
48	75	400	550	1,050	1,400	-	-
72	75	263	300	600	999	-	-
96	75	263	-	600	999	-	-
144	75	263	-	400	700	2,638	-
192	-	263	-			1,610	2,473
288	-	130	-			786	1,207

Note: Trunks up to 400 ft, depending on fiber count, are packaged in a cardboard box.

Reel Capacities – Armored Cable Specifications					
Packaging Method	Box 20	Reel 4	Reel 5	Reel 7	Reel 8
Packaging Material	Coiled Cable	Solid Plastic Reel	Solid Plastic Reel	Plywood Reel	Plywood Reel
Reel Diameter (in)		32	32	41	48
Reed Width (in)		20	20	32	35.5
Box Dimensions (in)	23.5 x 23.5 x 7				
Fiber Count	Maximum Length (ft)				
8	400	3,228	-	-	-
16	400	2,596	-	-	-
24	400	2,596	-	-	-
32	400	2,196	-	-	-
48	400	2,196	-	-	-
72	263	1,496	-	-	-
96	263	1,496	-	-	-
144	263	1,166	1,791	-	-
192	130	734	1,127	-	-
288	50	-	-	265	1,550

Note: Trunks up to 400 ft, depending on fiber count, are packaged in a cardboard box.

EDGE8® MTP® Trunks Cables

EDGE8® MTP® trunks provide the backbone of the EDGE8 solution. With 8-fiber pinned MTP PRO connectors on both ends, these trunks are designed to interface with the EDGE8 universal modules or adapter panels for parallel optic applications. All MTP trunks are manufactured with Corning® CleanAdvantage™ technology and shipped with strain-relief clips to allow easy tool-less installation. MTP trunk pulling grips can be pulled using up to 100 lbs of pulling tension while providing complete protection for the connectors.

EDGE8 8-Fiber MTP Trunk Cable | Photos REN7793 and REN7794

Ordering Information

*	☐	☐☐	☐☐	☐☐	☐	☐☐	☐	D	☐	☐☐☐	☐
	1	2	3	4	5	6	7	8	9	10	11

**For custom labels, add the letter "L" as prefix to the part number e.g., LGE5E548QPNDDUxxxF*
Print for custom labels can be up to 30 characters. Information to be printed on custom labels must be provided at the time of order.

1 Select grip.
G = Grip on first end only
D = Grip on both ends
Z = No grip

2 Select MTP PRO connector.
(end one on outside of reel).
E5 = MTP 8F (pinned) multimode
E7 = MTP 8F (pinned) single-mode
00 = Pigtail *(Only available with P = straight-through polarity)*

3 Select MTP PRO connector.
(end two on inside of reel).
E5 = MTP 8F (pinned) multimode
E7 = MTP 8F (pinned) single-mode

4 Select standard fiber count.

08 = 8 fiber	72 = 72 fiber
16 = 16 fiber	96 = 96 fiber
24 = 24 fiber	E4 = 144 fiber
32 = 32 fiber	K2 = 192 fiber
48 = 48 fiber	U8 = 288 fiber

5 Select fiber type.
T = 50 µm multimode (OM3)
Q = 50 µm multimode (OM4)
V = 50 µm wideband multimode (OM5)
G = Single-Mode Ultra (OS2)

6 Select cable type.
PN = Plenum, non-armored
AD = Plenum, BX armored

7 Select leg length.
(end one on outside of reel).
D = 33 in (+3.5/-1.0 in)*
0 = Pigtail

Furcation legs are color-coded by fiber type.

8 Defines leg length.
(end two on inside of reel).
D = 33 in (+3.5/-1.0 in)*

Furcation legs are color-coded by fiber type.

9 Select trunk type.
U = Standard Type-B
P = Straight-through Type-A

10 Select cable length.
005-999 ft
(1 ft increments measured from furcation to furcation)

002-300 m
(1 m increments measured from furcation to furcation)

Longer cable lengths available upon request.

11 Select unit of measure.
F = Feet
M = Meters

**For fiber counts above 144 F, the legs will be staggered starting at 33 in.*

EDGE8® MTP® Extender Trunks Cables

EDGE8® MTP® extender trunks provide additional distance for the backbone of the EDGE8 solution. With a non-pinned MTP PRO connector on one end, a pinned MTP connector on the other, and a TIA-568 Type-A polarity, these trunks are designed to interface with an EDGE8 solutions universal module and an EDGE8 MTP trunk. All extender trunks are manufactured with Corning® CleanAdvantage™ and shipped with strain-relief clips to allow easy tool-less installation.

MTP extender trunks are most often used in a zone distribution area (ZDA).

EDGE8 8-Fiber MTP Extender Trunk Cable | Photo REN7793

Ordering Information

□	□□	□□	□□	□	□□	D	C	X	□□□	□
1	2	3	4	5	6	7	8	9	10	11

1 Select grip.
G = Grip on first end only
Z = No grip

2 Select MTP PRO connector.
(end one on outside of reel).
E5 = MTP 8F (pinned) multimode
E7 = MTP 8F (pinned) single-mode

3 Select MTP PRO connector.
(end two on inside of reel).
E6 = MTP 8F (non-pinned) multimode
E8 = MTP 8F (non-pinned) single-mode

4 Select standard fiber count.

08 = 8 fiber	72 = 72 fiber
16 = 16 fiber	96 = 96 fiber
24 = 24 fiber	E4 = 144 fiber
32 = 32 fiber	K2 = 192 fiber
48 = 48 fiber	U8 = 288 fiber

5 Select fiber type.
T = 50 µm multimode (OM3)
Q = 50 µm multimode (OM4)
V = 50 µm wideband multimode (OM5)
G = Single-Mode Ultra (OS2)

6 Select cable type.
PN = Plenum, non-armored
AD = Plenum, BX armored

7 Defines leg length.
(end one on outside of reel).
D = 33 in (+3.5/-1.0 in)

8 Defines leg length.
(end two on inside of reel).
C = 60 in (+3.5/-1.0 in)

Mates with trunk (long leg reaches from rear to the front side of housing)

9 Defines trunk type.
X = Extender

10 Select cable length.
005-999 ft
(1 ft increments measured from furcation to furcation)

002-300 m
(1 m increments measured from furcation to furcation)

Longer cable lengths available upon request.

11 Select unit of measure.
F = Feet
M = Meters

Hybrid MTP® to LC Uniboot Trunks

EDGE8® MTP® to LC uniboot hybrid trunks combine pinned MTP PRO connectors, which connect to EDGE8 modules, and LC uniboot connectors, which connect directly to the electronics. These trunks enable additional options for cabling of data centers. All hybrid trunks are manufactured with Corning® CleanAdvantage™ technology and shipped with strain-relief clips to allow easy tool-less installation.

EDGE8 Hybrid MTP to LC Uniboot Trunk | Photo REN7797

Ordering Information

□	□□	□□	□□	□	PN	D	□	W	□□□	□
1	2	3	4	5	6	7	8	9	10	11

1 Select grip.
G = Grip on one end
Z = No grips

2 Select MTP PRO connector.
(end one on outside of reel).
E5 = MTP 8F (pinned) multimode
E7 = MTP 8F (pinned) single-mode

3 Select LC connector.
(end two on inside of reel).
79 = LC uniboot multimode
78 = LC uniboot single-mode

4 Select fiber count.

08 = 8 fiber	48 = 48 fiber
16 = 16 fiber	72 = 72 fiber
24 = 24 fiber	96 = 96 fiber
32 = 32 fiber	E4 = 144 fiber

5 Select fiber type.
T = 50 µm multimode (OM3)
Q = 50 µm multimode (OM4)
V = 50 µm wideband multimode (OM5)
G = Single-Mode Ultra (OS2)

6 Defines cable type.
PN = Plenum, non-armored

7 Defines leg length.
(end one on outside of reel)
D = 33 in (+3.5/-1.0 in)

8 Select leg length.
(end two on inside of reel).
K = 24 in (+3.5/-1.0 in)
L = 36 in (+3.5/-1.0 in) (standard)
M = 48 in (+3.5/-1.0 in)
N = 60 in (+3.5/-1.0 in)
P = 72 in (+3.5/-1.0 in)

9 Defines trunk type.
W = Universal hybrid trunk

10 Select cable length.
005-999 ft
(1 ft increments measured from furcation to furcation)

002-300 m
(1 m increments measured from furcation to furcation)

Longer cable lengths available upon request.

11 Select unit of measure.
F = Feet
M = Meters

Hybrid MTP® to LC Uniboot Extender Trunks

EDGE8® MTP® to LC uniboot hybrid extender trunks combine non-pinned MTP PRO connectors, which connect to MTP Trunks, and LC uniboot connectors, which connect directly to the electronics. These trunks enable additional options for cabling of data centers and are most often used in a zone distribution area (ZDA). All hybrid trunks are manufactured with Corning® CleanAdvantage™ technology and shipped with strain-relief clips to allow easy tool-less installation.

EDGE8 Hybrid MTP to LC Uniboot Extender Trunk | Photo REN7797

Ordering Information

□	□□	□□	□□	□	PN	C	□	Z	□□□	□
1	2	3	4	5	6	7	8	9	10	11

1 Select grip.
G = Grip on one end
Z = No grips

2 Select MTP PRO connector.
(end one on outside of reel).
E6 = MTP 8F (non-pinned) multimode
E8 = MTP 8F (non-pinned) single-mode

3 Select LC connector.
(end two on inside of reel).
79 = LC uniboot multimode
78 = LC uniboot single-mode

4 Select fiber count.
08 = 8 fiber
16 = 16 fiber
24 = 24 fiber
32 = 32 fiber
48 = 48 fiber
72 = 72 fiber
96 = 96 fiber
E4 = 144 fiber

5 Select fiber type.
T = 50 µm multimode (OM3)
Q = 50 µm multimode (OM4)
V = 50 µm wideband multimode (OM5)
G = Single-mode Ultra (OS2)

6 Defines cable type.
PN = Plenum, non-armored

7 Defines leg length.
(end one on outside of reel).
C = 60 in (+3.5/-1.0 in)

8 Select leg length.
(end two on inside of reel).
K = 24 in (+3.5/-1.0 in)
L = 36 in (+3.5/-1.0 in) (standard)
M = 48 in (+3.5/-1.0 in)
N = 60 in (+3.5/-1.0 in)
P = 72 in (+3.5/-1.0 in)

9 Defines trunk type.
Z = Universal hybrid extender

10 Select cable length.
005-999 ft
(1 ft increments measured from furcation to furcation)

002-300 m
(1 m increments measured from furcation to furcation)

Longer cable lengths available upon request.

11 Select unit of measure.
F = Feet
M = Meters

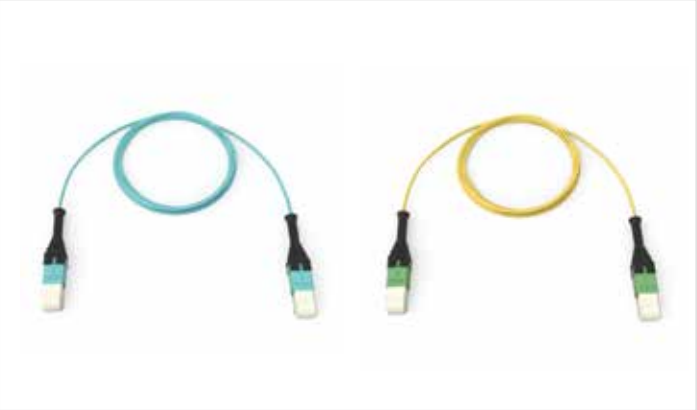
EDGE8® MTP® to MTP Jumper

The EDGE8® 8-fiber MTP® jumper allows for seamless migration to higher data rates in the data center when used in conjunction with EDGE8 pinned trunks. This EDGE8 MTP assembly has the same connector size and cable footprint as duplex LC jumpers used today. The density, airflow, and cable management advantages of EDGE8 solutions are preserved as you migrate to higher data rates.

Assemblies are built utilizing MTP PRO connectors. MTP PRO allows for a simple, one-step, color-coded polarity change feature without removing the connector housing. The connector also provides the capability for field-friendly pinning configuration changes with safe handling of pins and easy color identification while maintaining product integrity.

The EDGE8 MTP jumper is manufactured with Corning® CleanAdvantage™ technology and shipped with optimized dust caps, eliminating the need for cleaning and scoping prior to initial field connection.

Note: Field polarity change not applicable to APC



EDGE8 MTP Jumper | Photos REN7928 and REN7927

Ordering Information

*J	☐☐	☐☐	08	☐	E8	-	N	☐	☐☐☐	☐
	1	2		3	4		5	6	7	8

**For custom labels, add the letter "L" as prefix to the part number e.g. LJE6E608QE8-NBxxxF*
Print for custom labels can be up to 30 characters. Information to be printed on custom labels must be provided at the time of order.

1 Select MTP PRO connector.
E5 = MTP 8F (pinned) multimode
E6 = MTP 8F (non-pinned) multimode
E7 = MTP 8F (pinned) single-mode
E8 = MTP 8F (non-pinned) single-mode

2 Select MTP PRO connector.
E5 = MTP 8F (pinned) multimode
E6 = MTP 8F (non-pinned) multimode
E7 = MTP 8F (pinned) single-mode
E8 = MTP 8F (non-pinned) single-mode

3 Select fiber type.
T = 50 µm multimode (OM3)
Q = 50 µm multimode (OM4)
V = 50 µm wideband multimode (OM5)
G = Single-Mode Ultra (OS2)

4 Defines cable type.
E8 = Plenum, interconnect

5 Defines jumper.
N = Jumper, no furcation

6 Select polarity.
A = Type-A
B = Type-B

Note: For jumper polarity, reference AEN156.

7 Select jumper length.
003-200 ft
(Measured in 1 ft increments)

001-060 m
(Measured in 1 m increments)

8 Select unit of measure.
F = Feet
M = Meters

Note: Non-pinned jumpers should be used to mate to pinned EDGE8 trunks.

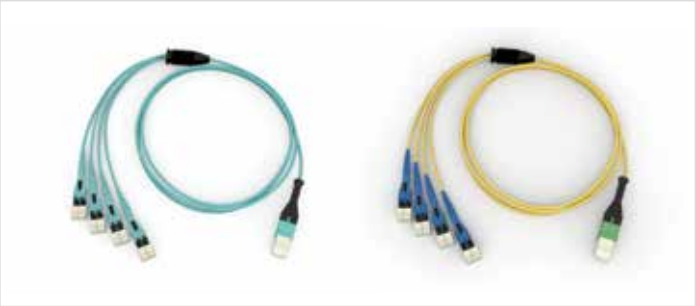
For custom labels, add the letter "L" as prefix to the part number e.g. LJE6E608QE8-NBxxxF
Print for custom labels can be up to 30 characters. Information to be printed on custom labels must be provided at the time of order.

EDGE8® Harnesses

One of the critical challenges facing data center owners, operators, and maintenance personnel in high-density (HD) computing areas is providing high-port concentration deployments to support the latest generation of high-speed switches without losing them under a mass of jumpers. All EDGE8® harnesses are manufactured with Corning® CleanAdvantage™ technology and an optimized dust cap, eliminating the need for scoping and cleaning prior to initial field connection.

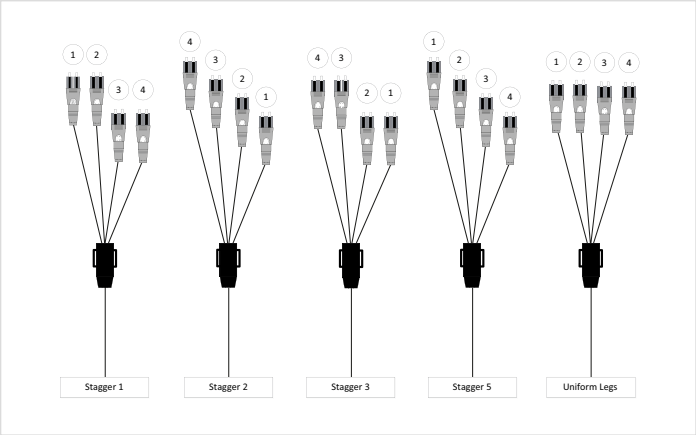
An EDGE8 harness is an ultra-slim 8-fiber (2.0 mm) preterminated cable with an MTP® PRO connector on one end and four LC duplex connectors on the other. The majority of the harness is a single cable which breaks out into four, 2-fiber legs to enable connectivity to the switch ports which are staggered to replicate the specific switch ports to save on excess cable length. MTP PRO allows for a simple one-step, color-coded polarity change feature without removing the connector housing. The connector also provides the capability for field-friendly pinning configuration changes with safe handling of pins and easy color identification while maintaining product integrity.

Specially designed harnesses are available for numerous distribution switches, including Cisco, Arista, Brocade, Juniper, and HP using SFP+ (LC interfaces) for Ethernet or Fibre Channel with duplex transmission for port mirroring, aggregation, fabric, or breakout applications.



EDGE8 Staggered Harness MM and SM | Photos REN7930 and REN7959

EDGE8 Nonstaggered Harness MM | Photo REN7931



EDGE8 Staggered Harness Examples | Photo ZA4253

Features	Benefits
Slim, round 2-fiber interconnect cable	Improves airflow and reduces congestion.
MTP PRO Connector and Push-Pull Boot	Allows for pinning and polarity changing in the field while enabling easier mating and unmating in extremely dense applications.*
Low-loss connectivity	Enables system design flexibility.
Bend-improved fiber	Allows tighter cable bends for slack storage and routing, less risk of downtime due to pinched or bent cables.
Corning CleanAdvantage technology with optimized dust cap	Eliminates the need for scoping and cleaning prior to initial field connection.

*Field polarity change is not applicable to APC

EDGE8® MTP® to LC Uniboot Staggered Harnesses

EDGE8® MTP® to LC uniboot staggered harnesses provide breakout from 8-fiber MTP® PRO connectors to LC uniboot connectors. These harnesses are available in five staggered configurations to meet various port replication needs.

EDGE8 Staggered Harness MM | Photo REN7930

Ordering Information

H □□ □□ 08 □ PH - □ □ □□□ □

1 2 3 4 5 6 7 8

1 Select MTP PRO connector.
E5 = MTP 8F (pinned) multimode
E6 = MTP 8F (non-pinned) multimode
E7 = MTP 8F (pinned) single-mode
E8 = MTP 8F (non-pinned) single-mode

2 Select the breakout connector type.
79 = LC uniboot multimode
78 = LC uniboot single-mode

LCs are universally wired.

3 Select fiber type.
T = 50 µm multimode (OM3)
Q = 50 µm multimode (OM4)
V = 50 µm wideband multimode (OM5)
G = Single-Mode Ultra (OS2)

4 Defines cable type.
PH = Plenum, harness

5 Select leg length in inches.
(leg OD is 2.0 mm).
1 = Type 1 Stagger
2 = Type 2 Stagger
3 = Type 3 Stagger
4 = Type 4 Stagger (uniform)
5 = Type 5 Stagger

Note: For harness stagger type, reference AEN157.

6 Select harness polarity.
A = Type-A
B = Type-B

Note: For harness polarity, reference AEN156.

7 Select harness length.
003-020 ft
(1 ft increments measured from plug to MTP, does not include LC stagger)

001-060 m
(1 m increments measured from plug to MTP, does not include LC stagger)

8 Select unit of measure.
F = Feet
M = Meters

*An EDGE8 **harness** should have **type-A polarity** and a **non-pinned MTP PRO** connector when connecting to a **trunk.***
*An EDGE8 **harness** should have **type-B polarity** and a **pinned MTP PRO** connector when connecting to a **module.***

EDGE8® MTP® to LC Uniboot Nonstaggered Harnesses

EDGE8® MTP® to LC Uniboot nonstaggered harnesses provide breakout from 8-fiber MTP® PRO connectors to LC uniboot connectors. These harnesses come with nonstaggered legs in several length options.

EDGE8 Nonstaggered Harness | Photo REN7931

Ordering Information

H □□ □□ 08 □ PH - □ □ □□□ □

1 2 3 4 5 6 7 8

1 Select MTP PRO connector.
E5 = MTP 8F (pinned) multimode
E6 = MTP 8F (non-pinned) multimode
E7 = MTP 8F (pinned) single-mode
E8 = MTP 8F (non-pinned) single-mode

2 Select the breakout connector type.
79 = LC uniboot multimode
78 = LC uniboot single-mode

LCs are universally wired.

3 Select fiber type.
T = 50 µm multimode (OM3)
Q = 50 µm multimode (OM4)
V = 50 µm wideband multimode (OM5)
G = Single-Mode Ultra (OS2)

4 Defines cable type.
PH = Plenum, harness

5 Select leg length in inches.
(leg OD is 2.0 mm).
J = 12 in (+3.5/-1.0 in)
K = 24 in (+3.5/-1.0 in)
L = 36 in (+3.5/-1.0 in)
M = 48 in (+3.5/-1.0 in)
N = 60 in (+3.5/-1.0 in)
P = 72 in (+3.5/-1.0 in)
R = 98 in (+3.5/-1.0 in)

Furcation legs are color code by fiber type.

6 Select harness polarity.
A = Type-A
B = Type-B

Note: For harness polarity, reference AEN156.

7 Select harness length.
003-200 ft
(1 ft increments measured from plug to MTP, does not include leg length)

001-060 m
(1 m increments measured from plug to MTP, does not include leg length)

8 Select unit of measure.
F = Feet
M = Meters

*An EDGE8 **harness** should have **type-A polarity** and a **non-pinned MTP PRO** connector when connecting to a **trunk.***
*An EDGE8 **harness** should have **type-B polarity** and a **pinned MTP PRO** connector when connecting to a **module.***

EDGE8® Preloaded Housings

By preloading EDGE8® modules into the housings at the factory prior to shipping, Corning can offer reduced packaging, reduced shipping and storage space, as well as speed up the hardware mounting and installation time for the customer.

Preloaded EDGE8 Housings | Photo CRR6147

Features and Benefits
Multiple preloaded housing configurations available: fully populated, half populated, and serialized custom configurations
Requires 50% less storage space when compared to individual housings
55% lighter packaging
Less packaging means fewer trips to the dumpster or recycling bin – saving valuable time on the jobsite
Preloaded with proven EDGE8 technology for fast, simple, and reliable installation

Ordering Information

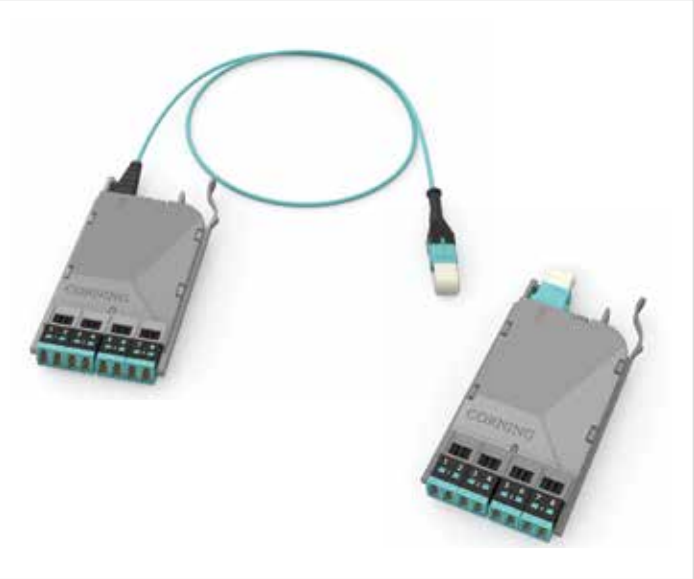
Part Number	Configuration Description	Housing Size	Module Type
E801-UM04E8G-06	EDGE8-01U Preloaded with 6 single-mode modules	EDGE8-01U	SM
E801-UM04E8G-12	EDGE8-01U Preloaded with 12 single-mode modules	EDGE8-01U	SM
E801-UM05E6Q-06	EDGE8-01U Preloaded with 6 multimode modules	EDGE8-01U	OM4
E801-UM05E6Q-12	EDGE8-01U Preloaded with 12 multimode modules	EDGE8-01U	OM4
E81S-UM04E8G-09	EDGE8-01U-SP Preloaded with 9 single-mode modules	EDGE8-01U-SP	SM
E81S-UM04E8G-18	EDGE8-01U-SP Preloaded with 18 single-mode modules	EDGE8-01U-SP	SM
E81S-UM05E6Q-09	EDGE8-01U-SP Preloaded with 9 multimode modules	EDGE8-01U-SP	OM4
E81S-UM05E6Q-18	EDGE8-01U-SP Preloaded with 18 multimode modules	EDGE8-01U-SP	OM4
E802-UM04E8G-18	EDGE8-02U Preloaded with 18 single-mode modules	EDGE8-02U	SM
E802-UM04E8G-36	EDGE8-02U Preloaded with 36 single-mode modules	EDGE8-02U	SM
E802-UM05E6Q-18	EDGE8-02U Preloaded with 18 multimode modules	EDGE8-02U	OM4
E802-UM05E6Q-36	EDGE8-02U Preloaded with 36 multimode modules	EDGE8-02U	OM4
E804-UM04E8G-36	EDGE8-04U Preloaded with 36 single-mode modules	EDGE8-04U	SM
E804-UM04E8G-72	EDGE8-04U Preloaded with 72 single-mode modules	EDGE8-04U	SM
E804-UM05E6Q-36	EDGE8-04U Preloaded with 36 multimode modules	EDGE8-04U	OM4
E804-UM05E6Q-72	EDGE8-04U Preloaded with 72 multimode modules	EDGE8-04U	OM4

For custom configurations not listed, contact engineer.en.americas@corning.com

EDGE8® Modules

EDGE8® modules provide the interface between the MTP® connector on the trunk and the LC duplex jumpers that connect directly into the electronics or as a cross-connect in the main distribution area (MDA). LC duplex adapters on EDGE8 modules feature hinged visual-fault-locator (VFL) compatible shutters that move up and out of the way when the connector is inserted. Specially designed indents in the shutters ensure that the end faces of the connectors are never touched. These shutters replace the standard dust caps that are typically never replaced after initial removal, exposing the interior end faces to dust particles and possible damage.

All EDGE8 modules can be installed from the front or the rear of any EDGE8 solutions housing using a simple release mechanism, eliminating the need for any tools. In addition, the shutters are VFL compatible to allow easy port identification while diffusing the VFL light to ensure adequate eye safety.



EDGE8 Modules | Photos REN7932 and REN6575

Features	Benefits
Corning® CleanAdvantage™ technology and optimized dust cap	Eliminates the need for scoping and cleaning prior to initial field connection.
VFL-compatible shuttered LC adapters	Creates one-hand operation and decreases time needed to test and troubleshoot a link.
Front- and rear-loading capability	Decreases the time to prepare and install modules into fiber housings.
High density	Modules enable 576 fibers in a 4U housing and 144 fibers in a 1U housing.
Low-insertion-loss performance	Improved performance specs allow for more mated pairs and/or longer link distances.
Universal wiring	Decreases complexity and risks associated with managing polarity during moves, adds, and changes.

Optical Performance				
	Connector Type	Module Insertion Loss, Maximum	Fiber Category	Adapter Color Front
Multimode Modules	PC	0.35 dB	50 µm MM (OM4/OM5)	Aqua
Single-Mode Modules	UPC	0.60 dB	SM (OS2)	Blue

EDGE8® MTP® to LC Duplex Module

EDGE8® modules provide an interface between 8-fiber MTP® connectors and LC duplex connectors. The internal wiring of the module is based on universal polarity to ensure the correct fiber polarity throughout the entire system, independent of how many modules are implemented within the link. Ultra-low-loss connectivity enables design flexibility to permit multiple potential connections within the system (e.g., 6-module link).

These modules breakout 8-fiber MTP terminations from the rear into 4x LC duplex connectivity at the front. The VFL-compatible shuttered adapters provide reliable dust protection without the need for dust caps and allow for easy fiber identification. All EDGE8 modules are manufactured with Corning® CleanAdvantage™ technology and an optimized dust cap, eliminating the need for cleaning before initial field connection.

EDGE8 MTP to LC duplex modules are easily swappable with MTP panels to accommodate changing requirements while leaving the trunk cable infrastructure in place. This also supports migration to MTP ports for parallel optics.

EDGE8 MTP to LC Duplex Module | Photo REN6575

Ordering Information

ECM8- ☐☐ 08 - ☐☐ - ☐☐☐ - ULL - ☐*

(1) (2) (3) (4) (5)

1 Select polarity.
UM = Universal polarity
RM = Straight-through

2 Defines fiber count.
08 = 8 fibers

3 Select adapters on module front.
05 = Shuttered LC duplex multimode
04 = Shuttered LC UPC duplex single-mode
18 = Shuttered LC APC duplex single-mode

4 Select MTP adapter on the back of the module.
E6 = MTP 8F (non-pinned) multimode
E8 = MTP 8F (non-pinned) single-mode

Other pinning configurations available upon request.

5 Select fiber type.
Q = 50 µm multimode (OM4)
V = 50 µm wideband multimode (OM5)
G = Single-Mode Ultra (OS2)

6 Defines modules.
Z - 4 pack
*Leave blank for single pack

**Note: If you leave this blank you will get a single module*

EDGE™ Base-8 MTP® to LC Duplex Modules

The Base-8 MTP® to LC duplex module is an 8-fiber module in the standard EDGE™ module footprint. This solution is well suited for customers who want to migrate to an 8-fiber solution, while still utilizing an existing EDGE footprint.These modules breakout 8-fiber MTP terminations from the rear into 4x LC duplex connectivity at the front. They easily integrate into existing EDGE (Base-12) housings or hardware. The VFL-compatible shuttered adapters provide reliable dust protection without the need for dust caps and allow for easy fiber identification. All EDGE8® modules are manufactured with Corning® CleanAdvantage™ technology and an optimized dust cap, eliminating the need for cleaning before initial field connection.

EDGE Base-8 MTP to LC Duplex Module | Photo REN6520

Ordering Information

ECM12-☐☐ 08 - ☐☐ - ☐☐☐ - ULL

1 2 3 4 5

1 Select polarity.
UM = Universal polarity
RM = Straight-through

2 Defines fiber count.
08 = 8 fibers

3 Select adapters on module front.
05 = Shuttered LC duplex multimode
04 = Shuttered LC UPC duplex single-mode
18 = Shuttered LC APC duplex single-mode

4 Select MTP adapter on the back of the module.
E6 = MTP 8F (non-pinned) multimode
E8 = MTP 8F (non-pinned) single-mode

Other pinning configurations available upon request.

5 Select fiber type.
Q = 50 µm multimode (OM4)*
G = Single-Mode Ultra (OS2)

**Compatible with wideband (OM5) solutions.*

EDGE8® Port Breakout Module

The EDGE8® port breakout module with MTP® PRO connector enables conversion from a single 4-channel parallel optic port (such as 40GSR4, QSFP) to a patch panel representation with four LC duplex ports for use in a main distribution area. Typically, the MTP tail will connect to the active electronics and breakout the 8-fiber QSFP 40G transceiver into 4x 2-fiber 10G LC duplex connections.

These modules breakout 8-fiber MTP terminations from the rear into 4x LC duplex connectivity at the front. The VFL-compatible shuttered adapters provide reliable dust protection without the need for dust caps and allow for easy fiber identification. All EDGE8 modules are manufactured with Corning® CleanAdvantage™ technology and an optimized dust cap, eliminating the need for cleaning before initial field connection.

EDGE8 Port Breakout Module | Photo REN7932

Ordering Information

ECM8-□□ □□-□ E8 B-□□□ □

1 2 3 4 5 6 7

1 Select adapters on module front.
05 = Shuttered LC duplex multimode
04 = Shuttered LC UPC duplex single-mode
18 = Shuttered LC APC duplex single-mode

LCs are universally wired.

2 Select MTP PRO connector.
E6 = MTP 8F (non-pinned) multimode
E8 = MTP 8F (non-pinned) single-mode

Other pinning configurations available upon request.

3 Select fiber type.
Q = 50 µm multimode (OM4)
V = 50 µm wideband multimode (OM5)
G = Single-Mode Ultra (OS2)

4 Defines cable type.
E8 = Plenum, interconnect

5 Define polarity.
B = Type-B

6 Select cable length.
003-075 ft
(1 ft increments measured from furcation plug to furcation plug)

001-025 m
(1 m increments measured from furcation plug to furcation plug)

7 Select unit of measure.
F = Feet
M = Meters

EDGE8® Front-Access Breakout Module

The EDGE8® front-access breakout module will typically connect to the active electronics via a jumper or harness, and breakout the 8-fiber QSFP 40G transceiver into 4x 2-fiber 10G LC duplex connections. The module has an EDGE™ footprint for easy integration in a Base-12 solution. Its all-front access to the adapters is ideal for deployments where space and access are challenging.

These modules breakout 8-fiber MTP® terminations from the rear into 4x LC duplex connectivity at the front. The VFL-compatible shuttered adapters provide reliable dust protection without the need for dust caps and allow for easy fiber identification with VFL.

These modules are manufactured with Corning® CleanAdvantage™ technology and an optimized dust cap, eliminating the need for cleaning before initial field connection.

EDGE8 Front-Access Breakout Module | Photo REN6578

Ordering Information

ECM - UM08 - ☐☐ - ☐☐☐F - ULL

1 2 3

1 Select LC adapters.
05 = Shuttered LC duplex multimode
04 = Shuttered LC duplex single-mode

2 Select MTP adapter.
E5 = MTP 8F (pinned) multimode
E6 = MTP 8F (non-pinned) multimode
E7 = MTP 8F (pinned) single-mode
E8 = MTP 8F (non-pinned) single-mode

3 Select fiber type.
Q = 50 µm multimode (OM4)*
G = Single-Mode Ultra (OS2)

**Compatible with 50 µm multimode (OM5) solutions.*

Plug & Play™ Base-8 Module

The Plug & Play™ Base-8 module is a 24-fiber module ideal for customers who want to deploy a Base-8 solution in an existing closet connector housing (CCH) or Pretium™ connector housing (PCH) infrastructure.

These modules breakout three 8-fiber MTP® terminations from the rear into 24x LC duplex connectivity at the front. They easily integrate into existing Plug & Play (CCH or PCH) deployments. The VFL-compatible shuttered adapters provide reliable dust protection without the need for dust caps and allow for easy fiber identification.

These modules are manufactured with Corning® CleanAdvantage™ technology and an optimized dust cap, eliminating the need for cleaning before initial field connection.

Plug & Play Base-8 Module | Photo REN1949

Ordering Information

CCH8 - UM24 - □□ - □□□ - ULL

1 2 3

1 Select LC adapters.
05 = Shuttered LC duplex multimode
04 = Shuttered LC UPC duplex single-mode
18 = Shuttered LC APC duplex single-mode

2 Select MTP adapter.
E5 = MTP 8F (pinned) multimode
E6 = MTP 8F (non-pinned) multimode
E7 = MTP 8F (pinned) single-mode
E8 = MTP 8F (non-pinned) single-mode

3 Select fiber type.
Q = 50 µm multimode (OM4)*
G = Single-Mode Ultra (OS2)

**Compatible with 50 µm multimode (OM5) solutions.*

EDGE8® MTP® Adapter Panels

EDGE8® MTP® adapter panels are pass-through panels that provide a simple interface to make MTP connectors. This occurs when connecting MTP trunks to MTP extended trunks, MTP trunks-to-trunk harnesses, and in 40G multimode networks, connecting MTP trunks to 40G jumpers. The backbone trunks connect at the rear of the adapters and then various connection options are possible at the front, using end-to-end links such as MTP harnesses, MTP trunks to 40G jumpers (and in 40G multimode networks), etc. The MTP adapter panel is the easiest way to implement parallel optic applications in your data center while retaining the existing hardware.

All EDGE8 adapter panels can be installed from the front or rear of any EDGE8 hardware using a simple release mechanism, thereby eliminating the need for any tools. EDGE8 MTP adapter panels are available with one, two, and four 8-fiber adapters for multimode and single-mode applications. All panels feature unique shuttered MTP reversible adapters at the front of the panel for on-site changes to manage the field polarity. And visual fault locator (VFL) compatible shutters that enable easy port identification while defusing the WFL light to ensure adequate eye safety.

EDGE8 MTP Adapter Panel | Photo REN1007

Features
Provide MTP connection points between trunks, harnesses, and jumpers
Can be installed or removed from the front or rear of a housing
MTP adapter panels facilitate simple upgrades to parallel optics
Enable pay-as-you-grow approach
Packaged in easy-open containers
Translucent shutters diffuse VFL light and eliminate the need for dust caps

Part Number	Adapter Type Back	Fiber Count	Fiber Category
EDGE8-CP08-V1	MTP	8	SM (OS2)
EDGE8-CP16-V1	MTP	16	SM (OS2)
EDGE8-CP24-V1	MTP	24	SM (OS2)
EDGE8-CP32-V1	MTP	32	SM (OS2)
EDGE8-CP08-V3	MTP	8	50 µm MM (OM3/OM4)
EDGE8-CP16-V3	MTP	16	50 µm MM (OM3/OM4)
EDGE8-CP24-V3	MTP	24	50 µm MM (OM3/OM4)
EDGE8-CP32-V3	MTP	32	50 µm MM (OM3/OM4)
EDGE8-CP08-VY	MTP	8	50 µm MM (OM5)
EDGE8-CP16-VY	MTP	16	50 µm MM (OM5)
EDGE8-CP24-VY	MTP	24	50 µm MM (OM5)
EDGE8-CP32-VY	MTP	32	50 µm MM (OM5)

EDGE8® Tap Modules

EDGE8® tap modules enable passive optical tapping of the network while reducing downtime and link loss, and increase rack space utilization and density compared to other optical tap options.

Unlike other passive optical tap solutions that must be added as separate devices in the network link, EDGE8 tap modules integrate the coupler technology for passive optical tapping into a structured cabling component – the module. Monitored ports can be added without disrupting the system's live traffic, and insertion loss in the link is required by the integration of the passive optical tapping into the module.

EDGE8 tap modules use an advanced splitter technology for multimode to reduce insertion loss compared to traditional splitter technology.

EDGE8 tap modules enable up to 72 monitor links per one rack unit (1RU), they fit seamlessly into EDGE8 solutions hardware for maximum cable management and better utilization of rack space.

EDGE8 Tap Modules - LC to LC; MTP® to LC; MTP to MTP; LC to LC; MTP to MTP | Photo REN3234

EDGE8® LC to LC Tap Modules

EDGE8® tap modules for traditional LC duplex systems enable customers to manage the monitoring access points via the jumper infrastructure zone at the front of the cabinets.

EDGE8 LC-to-LC tap modules have one LC duplex adapter for tap and two duplex adapters for live traffic. The tap adapters are red and the live adapters are blue (for single-mode) or aqua (for multimode). The red LC adapter enables monitoring on the application side.

EDGE8 LC to LC Tap Module
Photo REN3237

EDGE8 BiDi Tap Module
Photo REN3221

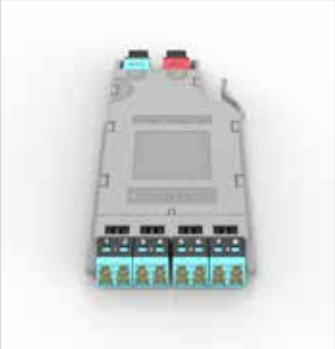
Multimode		
Part Number	Description	# of Duplex Ports Monitored
ETM8-50A-Q	EDGE8 Tap Module LC-LC, 50/50 split ratio	1
ETM8-50A-Q-BD	EDGE8 Tap Module BiDi LC-LC, 50/50 split ratio, BiDi	1
ETM8-70A-Q-PREM	EDGE8 Tap Module Premium LC- LC, 70/30 split ratio	1
ETM9-80A-Q-PREM	EDGE8 Tap Module Premium LC-LC, 80/20 split ratio	1

Single-Mode		
Part Number	Description	# of Duplex Ports Monitored
ETM8-50A-G	EDGE8 Tap Module LC-LC, 50/50 split ratio	1
ETM8-70A-G	EDGE8 Tap Module LC-LC, 70/30 split ratio	1
ETM8-80A-G	EDGE8 Tap Module LC-LC, 80/20 split ratio	1
ETM8-90A-G	EDGE8 Tap Module LC-LC, 90/10 split ratio	1

Specs							
Part Number	Fiber Type	Split Ratio	Splitter Loss (dB) Live/Tap	LC Connector Loss (dB)	MTP® Connector Loss (dB)	Tap Module's Live Link Loss (dB)	Tap Module's Tap Link Loss (dB)
ETM8-50A-Q	OM4	50/50	3.7/3.7	0.10	N/A	4.0	4.0
ETM8-50A-Q-BD	OM4	50/50	3.7/3.7	0.10	N/A	4.0	4.0
ETM8-70A-Q-PREM	OM4	70/30	1.8/1.8	0.10	N/A	2.1	6.1
ETM8-80A-Q-PREM	OM4	80/20	1.3/1.3	0.10	N/A	1.6	7.6
ETM8-50A-G	OS2	50/50	3.5/3.5	0.25	N/A	4.0	4.0
ETM8-70A-G	OS2	70/30	2.0/5.8	0.25	N/A	2.5	6.3
ETM8-80A-G	OS2	80/20	1.3/7.8	0.25	N/A	1.8	8.3
ETM8-90A-G	OS2	90/10	0.7/11.8	0.25	N/A	1.2	12.3

EDGE8® MTP® to LC Tap Modules

EDGE8® MTP® to LC tap modules have a “live” pinless MTP adapter (aqua for multimode; black for single-mode) and a “tap” pinless MTP adapter (red) on the back of the module. This enables monitoring of the four live LC duplex ports on the application side.



EDGE8 MTP to LC Duplex Tap Module
Photo REN3222

EDGE8 MTP to LC Duplex Tap Module
Photo REN3252

Multimode		
Part Number	Description	# of Duplex Ports Monitored
ETM8-50B-Q	EDGE8 Tap Module MTP-LC, 50/50 split ratio	4
ETM8-70B-Q-PREM	EDGE8 Tap Module Premium MTP-LC, 70/30 split ratio	4
ETM8-80B-Q-PREM	EDGE8 Tap Module Premium MTP-LC, 80/20 split ratio	4

Single-Mode		
Part Number	Description	# of Duplex Ports Monitored
ETM8-50B-G	EDGE8 Tap Module MTP-LC, 50/50 split ratio	4
ETM8-70B-G	EDGE8 Tap Module MTP-LC, 70/30 split ratio	4
ETM8-80B-G	EDGE8 Tap Module MTP-LC, 80/20 split ratio	4
ETM8-90B-G	EDGE8 Tap Module MTP-LC, 90/10 split ratio	4

Specs							
Part Number	Fiber Type	Split Ratio	Splitter Loss (dB) Live/Tap	LC Connector Loss (dB)	MTP Connector Loss (dB)	Tap Module’s Live Link Loss (dB)	Tap Module’s Tap Link Loss (dB)
ETM8-50B-Q	OM4	50/50	3.7/3.7	0.10	0.25	4.15	4.3
ETM8-70B-Q-PREM	OM4	70/30	1.8/5.8	0.10	0.25	2.2	6.3
ETM8-80B-Q-PREM	OM4	80/20	1.3/7.3	0.10	0.25	1.7	7.8
ETM8-50B-G	OS2	50/50	3.5/3.5	0.25	0.35	4.1	4.2
ETM8-70B-G	OS2	70/30	2.0/5.8	0.25	0.35	2.6	6.5
ETM8-80B-G	OS2	80/20	1.3/7.8	0.25	0.35	1.9	8.5
ETM8-90B-G	OS2	90/10	0.7/11.8	0.25	0.35	1.3	12.5

EDGE8® MTP® to MTP Tap Modules

EDGE8® MTP® to MTP tap modules provide an MTP interface at the front of the tap module that can be used with a harness for LC breakout applications, or with MTP jumpers for parallel optic applications. The MTP monitoring port can be located at the front or rear of the tap module.

The front-of-module configuration has pinless “tap” (red) and pinned “live” (aqua for multimode, black for single-mode) MTP adapters on the front of the tap module and a pinless “live” (aqua for multimode, black for single-mode) MTP adapter on the rear of the tap module. This configuration enables simple patch management of the monitoring links via the patching zone at the front of the rack.

The back-of-module configuration has a pinned “live” MTP adapter (aqua for multimode; black for single-mode) on the front of the module and pinless “live” (aqua for multimode; black for single-mode) and “tap” (red) MTP adapters on the rear of the module. This allows for remote monitoring away from the main data center infrastructure.

EDGE8 MTP to MTP Tap Module
Photo REN1528

EDGE8 MTP to MTP Tap Module
Photo REN1629

Multimode			
Part Number	Description	# of Duplex Ports Monitored	# of MTP Ports Monitored
ETM8-50C-Q	EDGE8 Tap Module MTP-MTP, 50/50 split ratio	4	1
ETM8-50C-Q-R	EDGE8 Tap Module MTP-MTP, 50/50 split ratio, rear tap	4	1
ETM8-70C-Q-PREM	EDGE8 Tap Module Premium MTP-MTP, 70/30 split ratio	4	1
ETM8-70C-Q-R-PREM	EDGE8 Tap Module Premium MTP-MTP, 70/30 split ratio, rear tap	4	1
ETM8-80C-Q-PREM	EDGE8 Tap Module Premium MTP-MTP, 80/20 split ratio	4	1
ETM8-80C-Q-R-PREM	EDGE8 Tap Module Premium MTP-MTP, 80/20 split ratio, rear tap	4	1

Single-Mode			
Part Number	Description	# of Duplex Ports Monitored	# of MTP Ports Monitored
ETM8-50C-G	EDGE8 Tap Module MTP-MTP, 50/50 split ratio	4	1
ETM8-50C-G-R	EDGE8 Tap Module MTP-MTP, 50/50 split ratio, rear tap	4	1
ETM8-70C-G	EDGE8 Tap Module MTP-MTP, 70/30 split ratio	4	1
ETM8-70C-G-R	EDGE8 Tap Module MTP-MTP, 70/30 split ratio, rear tap	4	1
ETM8-80C-G	EDGE8 Tap Module MTP-MTP, 80/20 split ratio	4	1
ETM8-80C-G-R	EDGE8 Tap Module MTP-MTP, 80/20 split ratio, rear tap	4	1
ETM8-90C-G	EDGE8 Tap Module MTP-MTP, 90/10 split ratio	4	1
ETM8-90C-G-R	EDGE8 Tap Module MTP-MTP, 90/10 split ratio, rear tap	4	1

EDGE8® Solutions MTP® to MTP Tap Modules

Specs							
Part Number	Fiber Type	Split Ratio	Splitter Loss (dB) Live/Tap	LC Connector Loss (dB)	MTP Connector Loss (dB)	Tap Module's Live Link Loss (dB)	Tap Module's Tap Link Loss (dB)
ETM8-50C-Q	OM4	50/50	3.7/3.7	N/A	0.25	4.3	4.3
ETM8-50C-Q-R	OM4	50/50	3.7/3.7	N/A	0.25	4.3	4.3
ETM8-70C-Q-PREM	OM4	70/30	1.8/5.8	N/A	0.25	2.4	6.4
ETM8-70C-Q-R-PREM	OM4	70/30	1.8/5.8	N/A	0.25	2.4	6.4
ETM8-80C-Q-PREM	OM4	80/20	1.3/7.3	N/A	0.25	1.9	7.9
ETM8-80C-Q-R-PREM	OM4	80/20	1.3/7.3	N/A	0.25	1.9	7.9
ETM8-50C-G	OS2	50/50	3.5/3.5	N/A	0.35	4.2	4.2
ETM8-50C-G-R	OS2	50/50	3.5/3.5	N/A	0.35	4.2	4.2
ETM8-70C-G	OS2	70/30	2.0/5.8	N/A	0.35	2.7	6.5
ETM8-70C-G-R	OS2	70/30	2.0/5.8	N/A	0.35	2.7	6.5
ETM8-80C-G	OS2	80/20	1.3/7.8	N/A	0.35	2.0	8.5
ETM8-80C-G-R	OS2	80/20	1.3/7.8	N/A	0.35	2.0	8.5
ETM8-90C-G	OS2	90/10	0.7/11.8	N/A	0.35	1.4	12.5
ETM8-90C-G-R	OS2	90/10	0.7/11.8	N/A	0.35	1.4	12.5

EDGE8® MTP® to MTP Tap Harness

EDGE8® MTP® to MTP tap harness is used to break out the 8-fiber tap port at the rear of the EDGE8 tap module into two 4-fiber MTP connectors that plug into monitoring electronics.

EDGE8 MTP to MTP Tap Harness | Photo REN7962

Ordering Information

H □□ □□ 08 □ PH - □ B □□□ □

1 2 3 4 5 6 7 8

1 Select MTP® PRO connector (to Tap module or panel)
E5 = MTP 8F (pinned) multimode
E6 = MTP 8F (non-pinned) multimode
E7 = MTP 8F (pinned) single-mode
E8 = MTP 8F (non-pinned) single-mode

2 Select MTP PRO connector (to electronics - each MTP connector has 4 fibers).
E6 = MTP 8F (non-pinned) multimode
E8 = MTP 8F (non-pinned) single-mode

3 Select fiber type.
Q = 50 µm multimode (OM4)
V = 50 µm wideband multimode (OM5)
G = Single-Mode Ultra (OS2)

4 Defines cable type.
PH = Plenum, harness

5 Select leg length in inches.
(leg OD is 2.0 mm).
J = 12 in (+3.5/-1.0 in)
K = 24 in (+3.5/-1.0 in)

6 Defines harness polarity.
B = Type-B

7 Select harness length.
003-200 ft
(1 ft increments measured from plug to MTP, does not include leg length)

001-060 m
(1 m increments measured from plug to MTP, does not include leg length)

8 Select unit of measure.
F = Feet
M = Meters

EDGE8® MTP® to LC Tap Harness

EDGE8® MTP® to LC port tap harness is used to break out the 8-fiber tap port at the rear of the EDGE8 port tap module into LC simplex connectors that plug into monitoring electronics.

MTP® PRO allows for pinning and polarity changes in the field.

EDGE8 MTP to LC Tap Harness | Photo REN7938

Ordering Information

H	□□	□□	08	□	PH	-	□	B	□□□	□
	1	2		3	4		5	6	7	8

1 Select MTP PRO connector (from Tap module).
E5 = MTP 8F (pinned) multimode
E6 = MTP 8F (non-pinned) multimode
E7 = MTP 8F (pinned) single-mode
E8 = MTP 8F (non-pinned) single-mode

2 Select breakout connector type.
02 = LC simplex, single-mode
03 = LC simplex, low-loss multimode

3 Select fiber type.
Q = 50 µm multimode (OM4)
V = 50 µm wideband multimode (OM5)
G = Single-Mode Ultra (OS2)

4 Defines cable type.
PH = Plenum, harness

5 Select leg length in inches.
(leg OD is 2.0 mm).
J = 12 in (+3.5/-1.0 in)
K = 24 in (+3.5/-1.0 in)
L = 36 in (+3.5/-1.0 in)

6 Defines harness polarity.
B = Type-B

7 Select harness length.
003-200 ft
(1 ft increments measured from plug to MTP, does not include leg length)

001-060 m
(1 m increments measured from plug to MTP, does not include leg length)

8 Select unit of measure.
F = Feet
M = Meters

EDGE™ LC Lockable Uniboot Jumpers

The EDGE™ LC lockable uniboot jumper is the newest addition to our acclaimed EDGE product portfolio. This state-of-the-art jumper delivers the same value as the LC uniboot connector and comes equipped with an integrated locking mechanism for your peace of mind. The new feature allows installers to lock uniboot jumpers in the field to prevent partial connections and accidental disconnects.

Multimode Assembly

Single-mode Assembly

Features	Benefits
Corning® CleanAdvantage™ Technology and Optimized Dust Caps	Eliminates the need for scoping and cleaning prior to initial field connection.
Uniboot Design	Allows one cable to carry two fibers, reducing the jumper bulk when routing.
Lock-out	Eliminates partial connections and accidental disconnects.
Polarity Management	Reverse polarity without exposing fibers.

Ordering Information

□□ □□ 02 □ D □ 20 □□□ □

1 2 3 4 5 6

1 Select connector one type.
U9 = Multimode LC Uniboot (OM3/OM4)
U8 = Single-mode LC UPC Uniboot (OS2)

2 Select connector type two.
U9 = Multimode LC Uniboot (OM3/OM4)
U8 = Single-mode LC UPC Uniboot (OS2)

3 Select fiber type.
T = 50 µm multimode (OM3)
Q = 50 µm multimode (OM4)
G = Single-mode Ultra (OS2)

4 Select flame rate.
1 = Riser
8 = Plenum

5 Select length.
001-250 (tip-to-tip)

6 Select unit of measure.
F = Feet
M = Meters

Reverse Polarity Uniboot Duplex Jumpers

EDGE™ reverse polarity uniboot duplex jumpers allow for the quick-and-easy conversion from a TIA-568 A-B polarity to a TIA-568 A-A polarity without exposing the fibers or needing any tools. This jumper comes with a straight-through polarity from the factory, but you can convert it to a flipped jumper with no tools. This uniboot design allows one cable to carry both fibers, reducing jumper bulk when routing.

Reverse Polarity Uniboot Duplex Jumpers | Photos REN6462 and REN6461

Features	
Slim, round two-fiber interconnect cable	Low-loss connectivity enables system design flexibility
Uniboot-style duplex connectors	Enabled by bend-insensitive Corning® ClearCurve® multimode or Corning® SMF-28e® Ultra single-mode fibers
Improved handling in high-density applications	Designed to withstand tight bends and challenging cable routes

LC Uniboot Jumper Specifications

Connector	Connector Code	Typical Connector Attenuation (dB)	Return Loss (dB)
MM LC uniboot	79	0.10	≤ 26
SM LC UPC uniboot	78	0.25	≤ 55
SM LC APC uniboot	80	0.25	≤ 65

Ordering Information

□□ □□ 02 □ D □ 20 □□□ □

1 2 3 4 5 6

1 Select connector one type.
79 = Multimode LC uniboot (OM3/OM4/OM5)
78 = Single-Mode LC UPC uniboot (OS2)
80 = Single-Mode LC APC uniboot (OS2)

2 Select connector two type.
79 = Multimode LC uniboot (OM3/OM4/OM5)
78 = Single-Mode LC UPC uniboot (OS2)
80 = Single-Mode LC APC uniboot (OS2)

3 Select fiber type.
T = 50 µm multimode (OM3)
Q = 50 µm multimode (OM4)
V = 50 µm wideband multimode (OM5)
G = Single-Mode Ultra (OS2)

4 Select flame rating.
1 = Riser
8 = Plenum

5 Select length.
001-250 (tip-to-tip)

6 Select unit of measure.
F = Feet
M = Meters

Reverse Polarity LC Duplex Clips

All reverse polarity uniboot LC duplex connectors come with a clip that is removable. We offer a total of 12 colors to allow for easy link identification or fabric segmentation.

EDGE™ Reverse Polarity Uniboot LC Duplex Clips | Photo LAN2254

Ordering Information

TRIGGER - BP - U - ☐

1

1 Select color.

N = Blue
E = Orange
G = Green
W = White
C = Slate
R = Red
B = Black
Y = Yellow
V = Violet
P = Rose
A = Aqua
K = Beige

Note: Must order in multiples of 100.

Optical Distribution Frames

The 19-inch optical distribution frames (ODF) are optimized for high-density, cross-connect applications. When fully loaded with EDGE™ 4U housings, the dual frame provides a total capacity of 5,760 LC duplex or 11,520 MTP® ports. When the single frame is used, it provides total capacity of 2,880 LC duplex or 5,760 MTP ports.

The frame has been designed with modular jumper management plates and segmented jumper management hubs. A single 4-meter jumper length allows patching from any port to any other port on the dual- or single-frame configuration. Gravity-managed slack storage ensures single jumpers can be added or removed in less than 2 minutes when fully populated.

Additional accessories, like cable routing channels, front doors, back doors, and side panels are available to improve containment, aesthetics, cleanliness, and security.

Corning Optical Distribution Frame | Photo REN7527

Features	Benefits
Modular construction	Frame can be quickly assembled by a single installer. Easily scalable to dual- or quad-frame configurations.
One-jumper configuration	A single 4-meter jumper length allows patching from any port to any other port.
Cable and trunk strain-relief kits	Easy routing, dressing, and strain-relief for optical cables or preterminated trunks.
Additional bottom-channel kit available	Route fibers at the bottom of cabinet frame, no need for dedicated overhead trays.

Corning Optical Distribution Frames

EDGE™ Optical Distribution Frames		
Part Number	Product Description	
PF2TDAFG5LCANNNN2PADQ	EDGE™ Optical Distribution Frame (ODF), left cable management, 7 ft	
PF2TDAFG5RCANNNN2PADQ	EDGE ODF, right cable management, 7 ft	
PC2TDAFG5LCAA2FA2PADQ	EDGE ODF, left cable management, 7 ft with doors	
PC2TDAFG5RCAB2FA2PADQ	EDGE ODF, right cable management, 7 ft with doors	

EDGE8® Solutions

Cleaning Accessories			
Part Number	Product Description	Units per Delivery	
CLEANER-PORT-LC	Single-Fiber Port Cleaner for LC, keyed LC, and MU connector end faces for both UP C and APC polishes	1/1	
2104466-01	Fiber Optic Cleaning Tool used to clean MTP® connector end faces as well as MTP connectors installed in a module	1/1	

Housing Accessories			
Part Number	Product Description	Units per Delivery	
EDGE-TRAY-QTY1	EDGE8® Hardware Accessory, EDGE8 tray kit, quantity of 1	1/1	
EDGE8-TRAY-QTY12	EDGE8 Hardware Accessory, EDGE8 tray kit, quantity of 12	12/1	
EDGE8-01U-TRAY	EDGE8 Hardware Accessory, EDGE8-01U tray kit, 12 pack, POS 01 to 02	1/1	
EDGE8-02U-TRAY	EDGE8 Hardware Accessory, EDGE8-02U tray kit, 12 pack, POS 01 to 06	1/1	
EDGE8-04U-TRAY	EDGE8 Hardware Accessory, EDGE8-04U tray kit, 12 pack, POS 01 to 12	1/1	
EDGE-BKT-WT-2RU	Wire Tray Mounting Bracket for up to 2U of housing mounting space	1/1	
EDGE-BKT-WT-4RU	Wire Tray Mounting Bracket for up to 4U of housing mounting space	1/1	

EDGE8® Solutions

Housing Accessories

Part Number	Product Description	Units per Delivery	
EDGE-BKT-LR-2RU	Ladder Rack Mounting Bracket for up to 2U of housing mounting space	1/1	
EDGE-BKT-LR-4RU	Ladder Rack Mounting Bracket for up to 4U of housing mounting space	1/1	

Trunk Accessories

Part Number	Product Description	Units per Delivery	
EDGE-CDF-RJ04-BKT	EDGE™ Solutions Strain-Relief Bracket, accommodating four EDGE solutions clip parking positions	1/1	
EDGE-CDF-RJ08-BKT	EDGE Solutions Strain-Relief Bracket, accommodating eight EDGE solutions clip parking positions	1/1	
EDGE-CDF-RJ12-BKT	EDGE Solutions Strain-Relief Bracket, accommodating 12 EDGE solutions clip parking positions	1/1	
PC1-BKT-23	EDGE Extension and Flush-Mount Bracket for mounting 1U housings into 23-in racks or cabinets	1/1	
PC2-BKT-23	EDGE Extension and Flush-Mount Bracket for mounting 2U housings into 23-in racks or cabinets	1/1	

EDGE8® Solutions

Trunk Accessories			
Part Number	Product Description	Units per Delivery	
PC4-BKT-23	EDGE™ Solutions Mounting Bracket for mounting 4U housings into 23-in racks or cabinets	1/1	
EDGE-01U-FLSH-BKT	EDGE Extension and Flush-Mount Bracket for EDGE-01U	1/1	
CJP-01U-P	Pretium™ Jumper Management Panel 1U; provides jumper management in a 1.75-in rack space	1/1	
CJP-02U-P	Pretium Jumper Management Panel 2U; provides jumper management in a 3.5-in rack space	1/1	
EDGE8-CCHBKT-1	Bracket to hold one EDGE8® solutions module that fits into Plug & Play™ housings	1/1	
EDGE8-CCHBKT-2	Bracket to hold two EDGE8 solutions module that fits into Plug & Play housings	1/1	
EDGE-EMOD-STRN	EDGE Solutions Strain-Relief Bracket, EMOD, 1U	1/1	

MTP® PRO Accessories			
Part Number	Product Description	Units per Delivery	
MTPPRO-TOOL	Field tool to perform pinning and polarity changes of MTP® PRO connectors	1/1	
MTPPRO-PEX-MME-NO PINS	MTP PRO Pin Exchanger Kit, SM MTP Elite, empty (without pins)	1/1	
MTPPRO-PEX-MME-PINS	MTP PRO Pin Exchanger Kit, MM MTP Elite, loaded (with pins)	1/1	
MTPPRO-PEX-SME-NO PINS	MTP PRO Pin Exchanger Kit, SM MTP Elite, empty (without pins)	1/1	
MTPPRO-PEX-SME-PINS	MTP PRO Pin Exchanger Kit, SM MTP Elite, loaded (with pins)	1/1	

CORNING

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