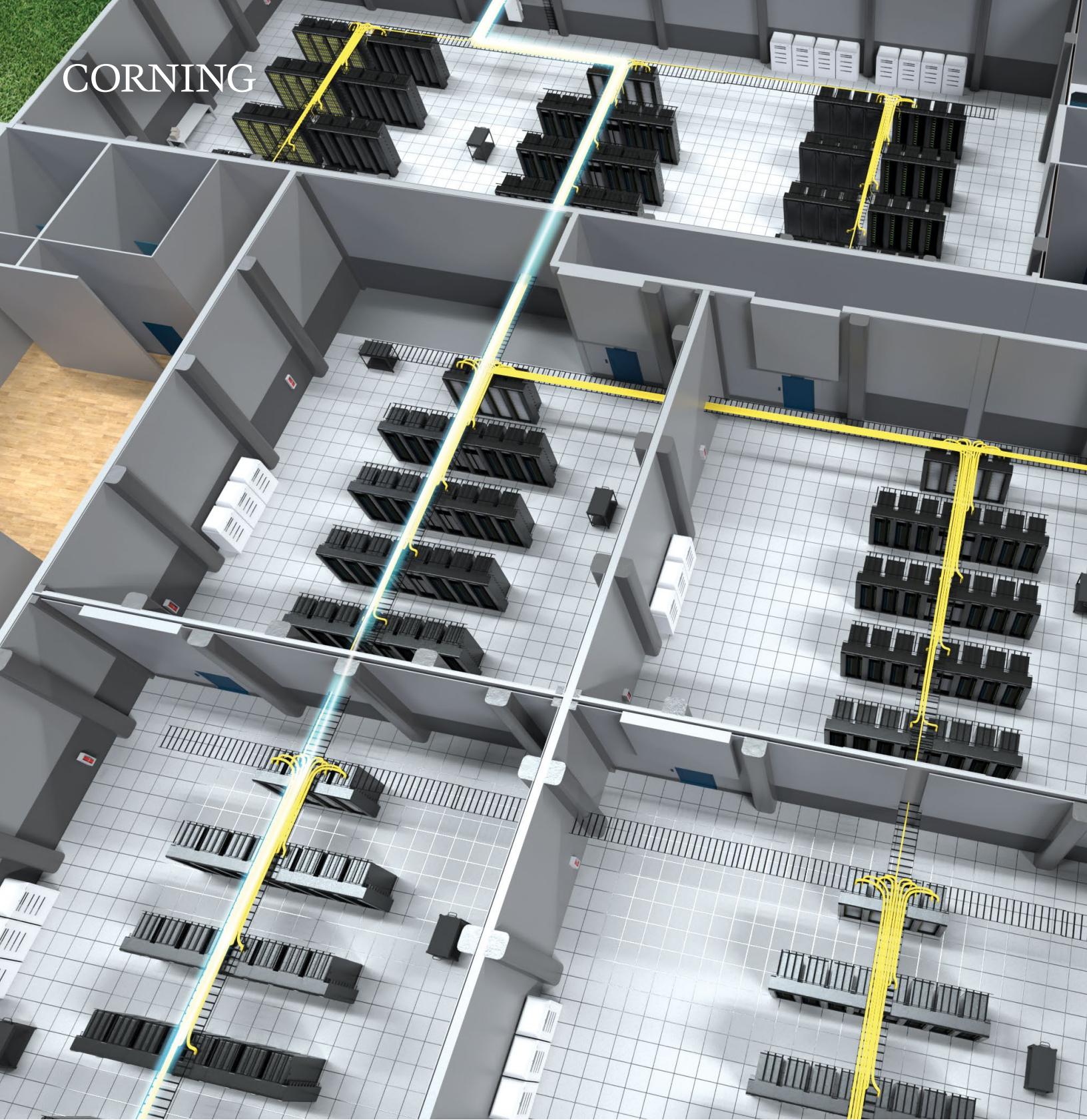


CORNING



EDGE™ Rapid Connect Solutions

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To learn more visit www.corning.com/edge-rapid-connect

EDGE™ Rapid Connect Solutions

The Corning EDGE™ Rapid Connect solution streamlines fiber deployment across a wide range of network designs from lower-density enterprise builds to ultra-high-density data center interconnects (DCI) by eliminating traditional field splicing in favor of factory-terminated transport trunks.

Preterminated MTP® connectors are housed in a compact, rugged pulling grip that allows multiple trunks to be routed efficiently through confined pathways. Once installed, the grip is removed and the connectors are quickly mated to Corning EDGE and CCH hardware, enabling fast, reliable point-to-point connectivity. Available in fiber counts that scale from hundreds to thousands of fibers, EDGE Rapid Connect delivers a flexible approach, supporting today’s network requirements while easily accommodating future growth without increasing installation complexity, risk, or footprint.

More networking capacity in less space

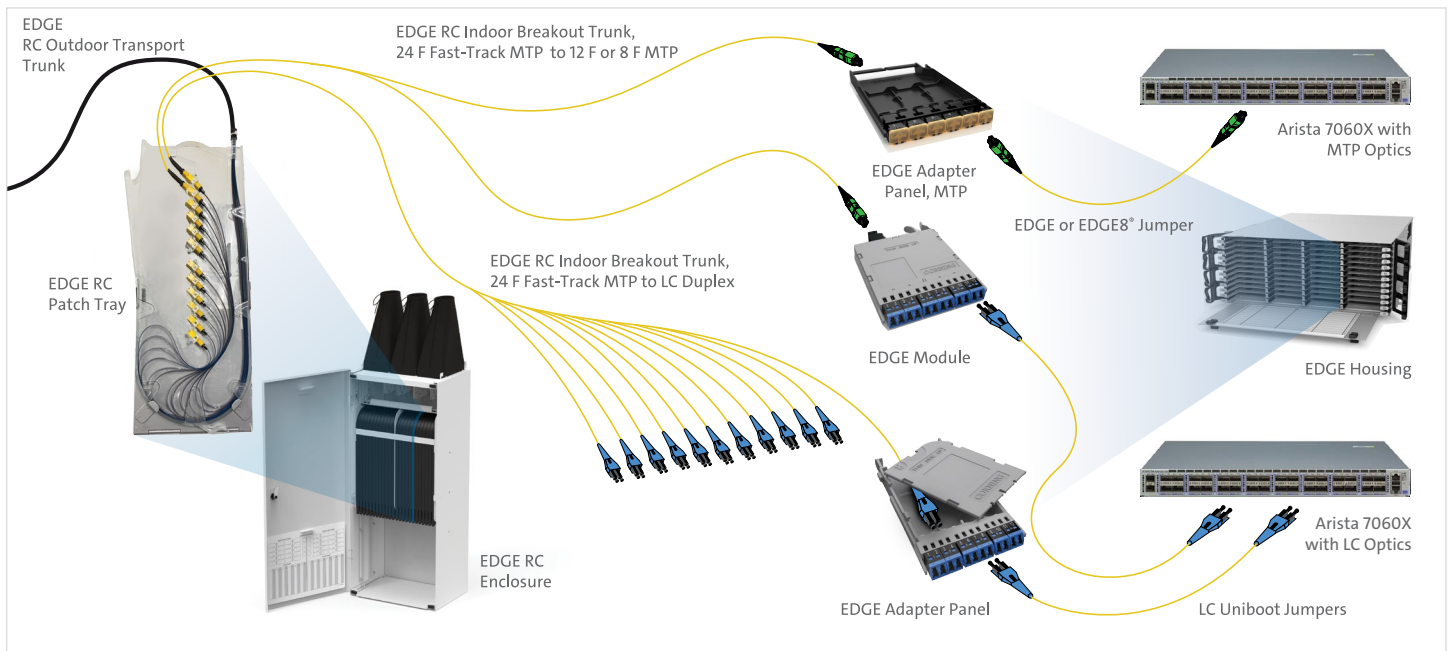
The MTP connector’s small profile enables preterminated trunks with a reduced, 2-inch diameter pulling grip that can be pulled through crowded conduits. This increases the return on pathway investment by reducing the amount of conduit that’s placed in the ground, providing extreme density.

Faster installation

Trunk cables can be installed up to 70% faster by completely eliminating splicing. Your network can be up and running faster than ever, allowing for optimized resources and time.

A safer work environment

Speed meets safety. Minimize the risk of not having enough splice technicians and working with sharp tools to prep fiber for splicing.



DCI EDGE RC Schematic, Outdoor or Indoor/Outdoor Trunk

Optical Performance			
	Connector Polish	End Face	Maximum IL
MTP/MPO†	APC	Angled	≤ 0.35 dB*
LC Uniboot	UPC	Angled	≤ 0.25 dB*

*Note: IL in preconnectorized products is measured in the factory through two mated pairs.

† Includes MTP PRO and Fast-Track MTP

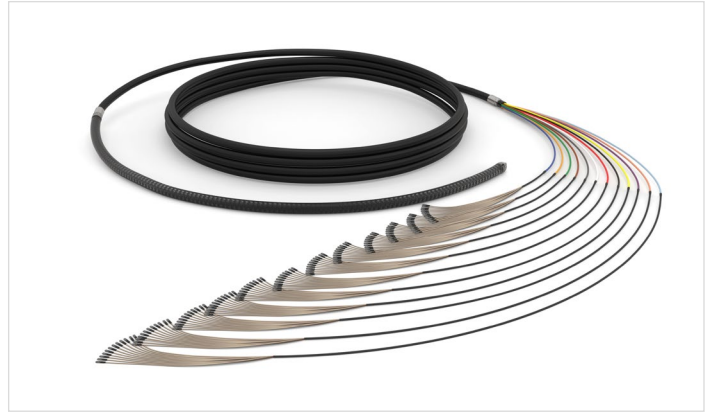
EDGE™ Rapid Connect Outdoor Transport Trunks

EDGE™ Rapid Connect helps to eliminate obstacles to future migration while offering key savings in installation and time. EDGE RC Outdoor Transport Trunks are designed to facilitate data center interconnect (DCI) and point-to-point backbone deployments. These trunks can be configured from a lower

count of 144 fibers and up to 3,456 fibers with MTP®/MPO connectors. Developed by Corning and US Conec, these small-profile connectors enable preterminated trunks to fit into crowded conduits.



EDGE RC Outdoor Transport Trunk (144F)



EDGE RC Outdoor Transport Trunk (3,456F)

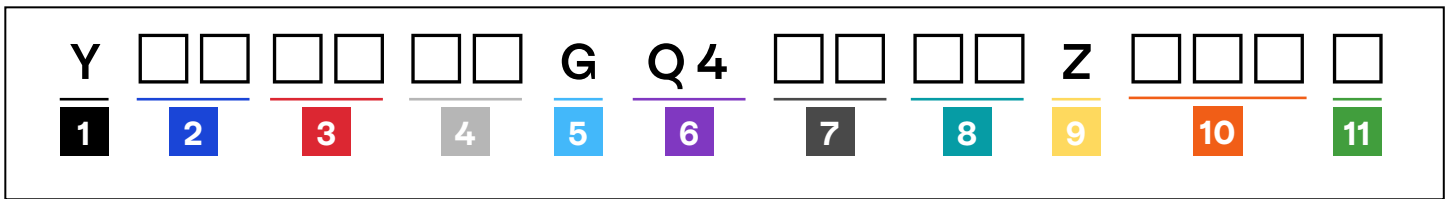
Features	Benefits
Reduced Installation Time	Deploying a single ultra-high-fiber-count trunk can reduce time and cost by up to 70% when compared to deploying multiple cables in lower fiber counts.
MTP/MPO* Connectors	The small-profile design of these connectors enables reduced-diameter pulling grips for installations through restricted pathways.
Factory Termination	Results in quicker deployment and better performance while reducing risks associated with field installation, rework, or high insertion loss.
Reduced Pathway Costs	EDGE RC reduces the amount of conduit that needs to be placed in the ground, increasing the ROI on pathway investment.
Water-Resistant Pulling Grips	Provides additional protection to connectors when deploying below grade or within conduit where standing water or moisture may be present.

*Includes MTP Pro and Fast-Track MTP

Mechanical Characteristics						
Fiber Count	Nominal OD	Pulling Grip OD	Pulling Grip Tensile Strength	Cable Weight	Minimum Bend Radius - Installation	Minimum Leg Length
144	12.8 mm (0.50 in)	33 mm (1.3 in)	2700 N (600 lb)	95 kg/km (63.84 lb/1,000 ft)	192 mm (7.56 in)	914.4 mm (36 in)
288	14.7 mm (0.58 in)	33 mm (1.3 in)	2700 N (600 lb)	132 kg/km (88.70 lb/1,000 ft)	221 mm (8.70 in)	914.4 mm (36 in)
864	23 mm (0.9 in)	33 mm (1.3 in)	2700 N (600 lb)	306 kg/km (206 lb/1,000 ft)	338 mm (13.3 in)	1,778 mm (70 in)
1,728	26 mm (1 in)	43 mm (1.7 in)	2700 N (600 lb)	452 kg/km (304 lb/1,000 ft)	390 mm (15.4 in)	2,235 mm (88 in)
3,456	33 mm (1.3 in)	53 mm (2.1 in)	2700 N (600 lb)	775 kg/km (520 lb/1,000 ft)	495 mm (19.5 in)	1,778 mm (70 in)

*If utilizing MaxCell within your duct, EDGE Rapid Connect trunks with grips ≥ 1.9 in do require MXE116603 which is capable of accommodating three cables, each with a diameter ≤ 2.36 in.

EDGE™ Rapid Connect Outdoor Transport Trunks



1 Defines grip.
Y = Water-resistant grip both ends

2 Defines end one connector.
F7 = 24F Fast-Track MTP®
(pinned) single-mode
90 = 12F MTP (non-pinned)
single-mode

3 Defines end two connector.
F7 = 24F Fast-Track MTP
(pinned) single-mode
90 = 12F MTP (non-pinned)
single-mode

4 Select fiber count.
E4 = 144 fibers
U8 = 288 fibers
CE = 864 fibers
H2 = 1,728 fibers
Y5 = 3,456 fibers

5 Defines fiber type.
G = Single-Mode Ultra (OS2)

6 Defines cable type.
Q4 = Corning® RocketRibbon®
OSP (Gel-Free)

7 Defines leg length (end one).
A1 = Staggered legs with a 103-in
(2,616-mm) maximum stagger.
For 1,728 and 3,456F only
A2 = Staggered legs with a 120-in
(3,048 mm) maximum stagger
For 864F only
A7 = Staggering legs a minimum leg
length of 36 inches with
staggering of 4 inches
144 or 288 fibers only

8 Defines leg length (end two).
A1 = Staggered legs with a 103-in
(2,616-mm) maximum stagger.
For 1,728 and 3,456F only
A2 = Staggered legs with a 120-in
(3,048 mm) maximum stagger
For 864F only
A7 = Staggering legs a minimum
leg length of 36 inches with
staggering of 4 inches
144 or 288 fibers only

9 Defines polarity.
Z = Type-Z
A = Type-A
*Refer to AE Note 176
for application and
polarity information*
B = Type-B
144 or 288 fibers only

10 Select cable length.
005-999
*(Length is measured
from Furcation Plug to
Furcation Plug)*
*1,000+ feet/meter lengths
available upon request.*

11 Unit of measure.
F = Feet
M = Meters

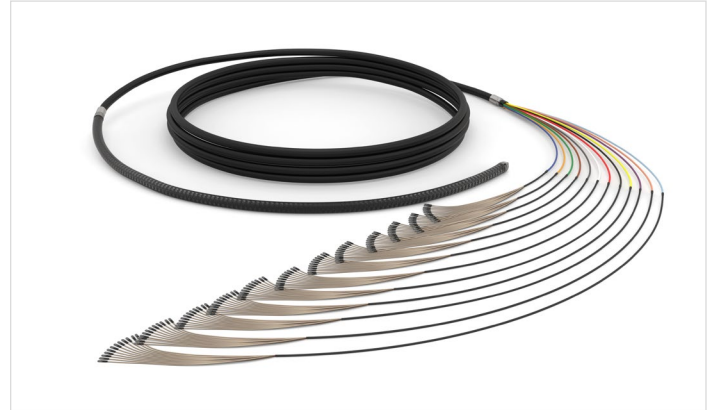
EDGE™ Rapid Connect Indoor/Outdoor Transport Trunks

EDGE Rapid Connect helps to eliminate obstacles to future migration while offering key savings in installation and time. EDGE RC Indoor/Outdoor Transport Trunks are designed to facilitate interconnect deployments where additional length is needed inside a facility—data centers, buildings, stations, etc. These trunks can be configured with 144 fibers to up to 3,456

fibers with MTP® Connectors. Developed by Corning and US Conec, the MTP's small profile enables preterminated trunks with a reduced diameter pulling grip that can be pulled through crowded conduits. EDGE RC Indoor/Outdoor Transport Trunks enable a preterminated solution in the outdoor environment with the flame ratings necessary for indoors.



EDGE RC Outdoor Transport Trunk (144F)



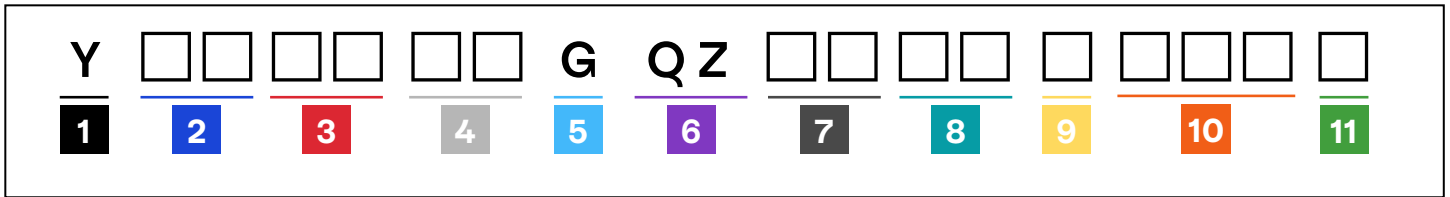
EDGE RC Outdoor Transport Trunk (3,456F)

Features	Benefits
Reduced Installation Time	Deploying a single ultra-high-fiber-count trunk can reduce time and cost by up to 70% when compared to deploying multiple cables in lower fiber counts.
MTP/MPO Connectors	The small-profile design of these connectors enables reduced-diameter pulling grips for installations through restricted pathways.
Factory Termination	Results in quicker deployment and better performance while reducing risks associated with field installation, rework, or high insertion loss.
Reduced Pathway Costs	EDGE RC reduces the amount of conduit that needs to be placed in the ground, increasing the ROI on pathway investment.
Water-Resistant Pulling Grips	Provides additional protection to connectors when deploying below grade or within conduit where standing water or moisture may be present.

Mechanical Characteristics

Fiber Count	Nominal OD	Pulling Grip OD	Pulling Grip Tensile Strength	Cable Weight	Minimum Bend Radius - Installation	Minimum Leg Length
144	13.3 mm (0.52 in)	33 mm (1.3 in)	1780 N (400 lb)	164 kg/km (110.20 lb/1,000 ft)	199.5 mm (7.85 in)	914.4 mm (36 in)
288	14.8 mm (0.58 in)	33 mm (1.3 in)	1780 N (400 lb)	214 kg/km (143.80 lb/1,000 ft)	222 mm (8.74 in)	914.4 mm (36 in)
864	22.8 mm (0.89 in)	33 mm (1.3 in)	1780 N (400 lb)	455 kg/km (306 lb/1,000 ft)	300 mm (11.8 in)	2,108 mm (83 in)
1,728	27.7 mm (1.09 in)	43 mm (1.7 in)	1780 N (400 lb)	601 kg/km (404 lb/1,000 ft)	400 mm (15.75 in)	2,235 mm (88 in)
3,456	34.6 mm (1.36 in)	53 mm (2.1 in)	1780 N (400 lb)	930 kg/km (625 lb/1,000 ft)	525 mm (20.67 in)	1,778 mm (70 in)

EDGE™ Rapid Connect Indoor/Outdoor Transport Trunks



1 Defines grip.
Y = Water-resistant grip both ends

2 Defines end one connector.
F7 = 24F Fast-Track MTP® (pinned) single-mode
90 = 12F MTP (non-pinned) single-mode

3 Defines end two connector.
F7 = 24F Fast-Track MTP (pinned) single-mode
90 = 12F MTP (non-pinned) single-mode

4 Select fiber count.
E4=144 fibers
U8=288 fibers
CE = 864 fibers
H2 = 1,728 fibers
Y5 = 3,456 fibers

5 Defines fiber type.
G = Single-Mode Ultra (OS2)

6 Defines cable type.
QZ = Corning® RocketRibbon® Indoor/Outdoor OSP (Gel-Free)

7 Defines leg length (end one).
A1 = Staggered legs with a 103 in (2,616 mm) maximum stagger.
A3 = Single furcation, bare fiber ribbon, maximum RSU length 38-in, maximum leg length 103-in in groups of 288F with expando mesh (for cables with 288F subunits)
864F, 1,728F, and 3,456F Only
A7 = Staggered legs with a 56.04 in (1423.4 mm) maximum stagger
144 or 288 fibers only

8 Defines leg length (end two).
A1 = Staggered legs with a 103 in (2,616 mm) maximum stagger.
A3 = Single furcation, bare fiber ribbon, maximum RSU length 38-in, maximum leg length 103 in in groups of 288F with expando mesh (for cables with 288F subunits)
864F, 1,728F, and 3,456F Only
A7 = Staggered legs with a 56.04 in (1423.4 mm) maximum stagger
144 or 288 fibers only

9 Defines polarity.
Z = Type-Z
A = Type-A
Refer to AE Note 176 for application and polarity information
B = Type-B
144 or 288 fibers only

10 Select cable length.
005-999
(Length is measured from Furcation Plug to Furcation Plug)
1,000+ feet/meter lengths available upon request.

11 Unit of measure.
F = Feet
M = Meters

EDGE™ Rapid Connect Indoor Transport Trunks

EDGE™ Rapid Connect helps to eliminate obstacles to future migration while offering key savings in installation and time. EDGE Rapid Connect Indoor Transport Trunks are designed to connect data halls and provide zone cabling infrastructure. These trunks can be configured up to 3,456 fibers with 24-fiber Fast-Track MTP® Connectors and standard 12-fiber

MTP connectors, providing the density needed for today's data centers. Developed by Corning and US Conec, the Fast-Track MTP Connector's small profile enables preterminated trunks with a reduced diameter pulling grip that can be pulled through crowded conduits and wall penetrations between data halls.



EDGE RC Indoor Zone Transport Trunk (12F MTP to 24F Fast-Track MTP)



EDGE RC Indoor Transport Trunk (24F Fast-Track MTP to 24F Fast-Track MTP)

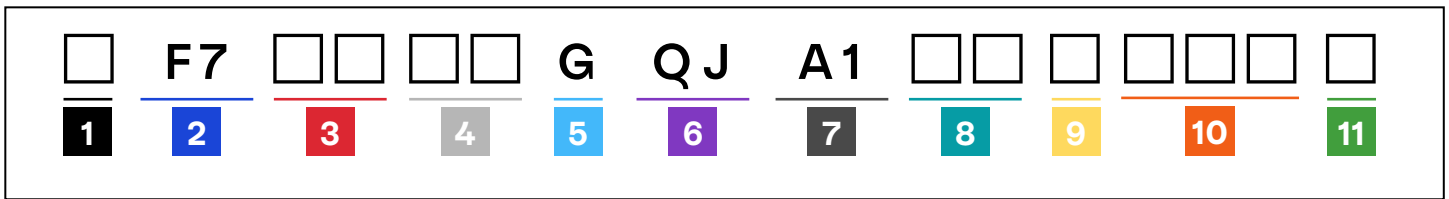
Features	Benefits
Reduced Installation Time	Deploying a single ultra-high-fiber-count trunk can reduce time and cost by up to 70% when compared to deploying multiple cables in lower fiber counts.
Fast-Track MTP Connector	A new connector technology with a smaller profile enables reduced diameter pulling grips for installations through restricted pathways.
Factory Termination	Results in quicker deployment and better performance while reducing risks associated with field installation, rework, or high insertion loss.
Speed to Revenue	Eliminates the need for splicing, reducing project time and allowing the data center to be used – and generate revenue – faster.

Mechanical Characteristics

Fiber Count	Nominal OD	Pulling Grip OD	Pulling Grip Tensile Strength	Cable Weight	Minimum Bend Radius - Installation	Minimum Leg Length*
864	22.8 mm (0.89 in)	33 mm (1.3 in)	1334 N (300 lb)	455 kg/km (306 lb/1,000 ft)	300 mm (11.8 in)	2,108 mm (83 in)
1,728	27.7 mm (1.09 in)	43 mm (1.7 in)	1334 N (300 lb)	601 kg/km (404 lb/1,000 ft)	400 mm (15.75 in)	2,235 mm (88 in)
3,456	34.6 mm (1.36 in)	53 mm (2.1 in)	1334 N (300 lb)	930 kg/km (625 lb/1,000 ft)	525 mm (20.67 in)	1,778 mm (70 in)

*Applies to legs with Fast-Track MTPs only

EDGE™ Rapid Connect Indoor Transport Trunks



1 Select grip.

A = Pulling Grip on one end

For 24F Fast-Track MTP® to 12F MTP trunks

B = Pulling Grip on both ends

For 24F Fast-Track MTP to 24F Fast-Track MTP trunks

2 Defines end one connector.

F7 = 24F Fast-Track MTP (pinned) single-mode

3 Select end two connector.

F7 = 24F Fast-Track MTP (pinned) single-mode

90 = 12F MTP (non-pinned) single

4 Select fiber count.

CE = 864 fibers
24F Fast-Track MTP to 24F Fast-Track MTP only

H2 = 1,728 fibers

Y5 = 3,456 fibers

5 Defines fiber type.

G = Single-Mode Ultra (OS2)

6 Defines cable type.

QJ = Indoor Corning® RocketRibbon® Riser/LSZH™ (Gel-Free)

7 Defines leg length (end one).

A1 = Staggered legs with a 103-in (2,616 mm) maximum stagger.

A3 = Single furcation, bare fiber ribbon, maximum RSU length 38-in, maximum leg length 103-in in groups of 288F with expando mesh (for cables with 288F subunits)

864F, 1,728F, and 3,456F Only

8 Select leg length (end two).

A1 = Staggered legs with a 103-in (2,616 mm) maximum stagger.

A1 choice is only for 24F Fast-Track MTP Connectors

A3 = Single furcation, bare fiber ribbon, maximum RSU length 38-in, maximum leg length 103 in in groups of 288F with expando mesh (for cables with 288F subunits)

864F, 1,728F, and 3,456F Only

B2 = Staggered dual-furcation legs with 34-in (863 mm) secondary furcation to connector

For 12F MTP only

9 Select polarity.

Z = Type-Z Polarity

Type-Z is for Fast-Track Connectors on End 2

A = Type-A Polarity

Type-A is for Fast-Track Connectors on End 2 (Used with MTP-LC breakout cables)

L = Type-L Polarity

Type-L is for 12F MTPs on end two

Refer to AE Note 176 for application and polarity information

10 Select cable length.

005-999

(Length is measured from Furcation Plug to Furcation Plug)

1,000+ feet/meter lengths available upon request.

11 Unit of measure.

F = Feet

M = Meters

EDGE™ Rapid Connect Indoor Breakout Trunks

EDGE™ Rapid Connect helps to eliminate obstacles to future migration while offering key savings in installation and time. EDGE RC Indoor Breakout Trunks with MTP® and LC Uniboot connectors are designed to connect with EDGE RC Trunks with Fast-Track MTP Connectors at an EDGE RC enclosure,

providing structured cabling throughout the data center. These trunks can be configured up to 864 fibers with 24-fiber MTP connectors on one end and standard 12-fiber MTP, 8-fiber MTP, or LC uniboot.



EDGE RC Indoor Breakout Trunk



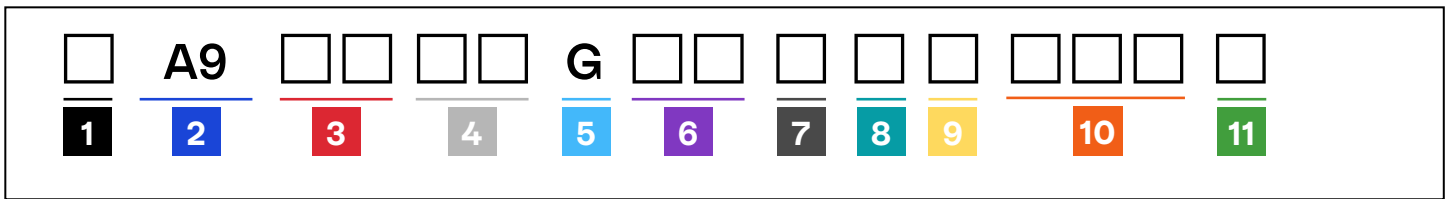
EDGE RC Indoor Breakout Trunk

Features	Benefits
Reduced Installation Time	EDGE RC allows the installer to remove splicing in the field, increasing speed of deployment by up to 70%.
Solution flexibility	Allows a flexible path to connectivity with MTP and LC configurations.
Factory Termination	Results in quicker deployment and better performance while reducing risks associated with field installation, rework, or high insertion loss.

Mechanical Characteristics					
Fiber Count	Nominal OD	Pulling Grip OD	Cable Weight	Minimum Bend Radius - Installation	Minimum Bend Radius - Operation
24*	7.1 mm (0.28 in)	32 mm (1.26 in)	43 kg/km (29 lb/1,000 ft)	70.1 mm (2.76 in)	70.1 mm (2.76 in)
48*	7.1 mm (0.28 in)	32 mm (1.26 in)	62 kg/km (42 lb/1,000 ft)	70.1 mm (2.76 in)	70.1 mm (2.76 in)
96	10.9 mm (0.43 in)	55 mm (2.2 in)	109 kg/km (73 lb/1,000 ft)	163.5 mm (6.44 in)	109 mm (4.29 in)
144†	14.8 mm (0.58 in)	55 mm (2.2 in)	218 kg/km (146 lb/1,000 ft)	222 mm (8.74 in)	148 mm (5.83 in)
192	14.8 mm (0.58 in)	55 mm (2.2 in)	218 kg/km (146 lb/1,000 ft)	222 mm (8.74 in)	148 mm (5.83 in)
288	17.1 mm (0.67 in)	55 mm (2.2 in)	223 kg/km (150 lb/1,000 ft)	256.5 mm (10.09 in)	171 mm (6.73 in)
384	17.9 mm (0.7 in)	55 mm (2.2 in)	248 kg/km (167 lb/1,000 ft)	268.5 mm (10.57 in)	179 mm (7.05 in)
432*	17.5 mm (0.69 in)	74.4 mm (2.93 in)	401 kg/km (270 lb/1,000 ft)	175 mm (6.89in)	175 mm (6.89 in)
576*	24.4 mm (0.96 in)	74.4 mm (2.93 in)	473 kg/km (318 lb/1,000 ft)	245.1 mm (9.65in)	245.1 mm (9.65 in)
864*	22.8 mm (0.89 in)	89 mm (3.5 in)	455 kg/km (306 lb/1,000 ft)	300 mm (11.8 in)	300 mm (11.8 in)

*Not available with 8F MTP nor LC Uniboot. †Not available with LC Uniboot connectors.

EDGE™ Rapid Connect Indoor Breakout Trunks



1 Select grip.

A = Pulling grip on one end (24F MTP® end), protective cover on other end

P = No pulling grip, protective cover only

2 Defines end one connector.

A9 = 24F MTP (non-pinned) single-mode

3 Select end two connector.

90 = 12F MTP (non-pinned) single-mode

78 = LC UPC Uniboot

E7 = 8F MTP (pinned) single-mode

4 Select fiber count.

24 = 24 fibers (12F MTP end two connector only)

48 = 48 fibers (12F MTP end two connector only)

96 = 96 fibers

E4 = 144 fibers (12F and 8F MTP end two connector only)

K2 = 192 fibers

U8 = 288 fibers

AE = 384 fibers

AK = 432 fibers (12F MTP end two connector only)

AZ = 576 fibers (12F MTP end two connector only)

CE = 864 fibers (12F MTP end two connector only)

5 Defines fiber type.

G = Single-Mode Ultra (OS2)

6 Select cable type.

ST = Indoor Plenum (for 24, 48, 96, 144, 192, 288, 384, 432, 576 fiber only)

SZ = Indoor LSZH (for 24, 48, 96, 144, 192, 288, 384, 432, 576 fiber only)

QJ = Indoor Corning® RocketRibbon® Riser/LSZH™ (for 864 fiber only)

ST cable available in the Americas only. SZ cable available in EMEA/APAC regions.

7 Select leg length (end one).

H = 48-in (1,219 mm) minimum stagger (For 96, 144, 192, 288, 384 fiber only)

G = 52-in (1,321 mm) minimum stagger (For 864 fiber only)

8 Select leg length (end two).

B = 36-in (914 mm) minimum stagger (12F or 8F MTP only)

K = 24-in (609 mm) minimum stagger (LC Uniboot only)

L = 36-in (914 mm) minimum stagger (LC Uniboot only)

9 Select polarity.

B = Type-B Polarity

For 12F or 8F MTP end 2 connector only.

S = Type-S Polarity

For LC Uniboot end 2 connector only.

Refer to AE Note 176 for application and polarity information

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 Unit of measure.

F = Feet

M = Meters

EDGE™ 6U XD ERC Housings



6x LC Duplex to MPO-24



6U XD Closed Front



6x MPO-8 to MPO-24

Corning's EDGE™ 6U XD ERC housings are built to accelerate data center interconnect deployments by providing craft-friendly high-density connectivity. The housings provide a modular platform that supports multiple connectivity variants to match a wide range of data center architectures. With up to six preloaded modules, the housing enables efficient, high-density fiber management while delivering the flexibility required to support different optics, transceiver types, and distribution needs within a compact 6U footprint.

Built to support Base-24 (MPO-24) fiber optic systems, the ERC housings accommodate 576 to 1,728 fibers in 6 rack units, with pass-through configurations supporting up to 3,456 fibers. The housings allow seamless conversion to alternative connector types, including Base-8 (MPO-8), Base-12 (MPO-12), and LC Duplex, as well as mixed MPO and LC configurations. This versatility makes it well suited for environments leveraging parallel optics, duplex connectivity, or a combination of both, helping operators deploy faster today while maintaining a clear, scalable migration path for future network evolution.

Features	Benefits
Simplified Fiber Management	Preconfigured solutions reduce installation complexity and streamline fiber deployment.
Faster Time to Deploy	Preterminated, plug-and-play connectivity accelerates installation and reduces on-site labor.
Flexible Network Architecture	Multiple connectivity options support MPO 8/12/24F and LC duplex configurations to fit diverse network designs.
Scalable, Future-Ready Design	Modular architecture supports growing bandwidth demands and future expansion maximizing investments.
Seamless Solution Integration	Compatible with Corning EDGE Rapid Connect and Configured Racks for faster, more efficient deployments.

Ordering Information

EDGE™ 6U XD ERC Housings can be ordered in 4 easy steps. The steps involve the selection of module or panel count, order of sequence and connectivity type. The steps are listed below.

XD - 06U -	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	1	2	3			4				

1 Select number of components.

- 1 = 1 Module or panel
- 2 = 2 Modules or panels
- 3 = 3 Modules or panels
- 4 = 4 Modules or panels
- 5 = 5 Modules or panels
- Empty = 6 Modules or panels

2 Select the side from which the component insertion should begin.

- L = Modules or panels starting from the left side: A1, B1, C1, A2, B2, C2.
- R = Modules or panels starting from the right side: A2, B2, C2, A1, B1, C1.
- Empty = Fully populated

3 Select type of components.

- MOD = Module
- PPL = Patch panel

4 Select port configuration.

- MP3 = MPO-8 to MPO-24 (only for MOD)
- LC24 = LC Duplex to MPO-24 (only for MOD)
- MP3LC1 = MPO-8 to MPO-24, top row 12x LC Duplex (only for MOD)
- MP3LC2 = MPO-8 to MPO-24, 2 top rows 12x LC Duplex (only for MOD)
- MP3LC3 = MPO-8 to MPO-24, 3 top rows 12x LC Duplex (only for MOD)
- 24MP2 = 24 x MPO24 adapters

Examples:

XD-06U-3L-MOD-MP3LC = EDGE XD 6U ERC with 3x MPO-8 to MPO-24 modules, top row 12x LC Duplex, installed from the left side, top to bottom.

XD-06U-MOD-LC24 = EDGE XD 6U ERC with 6x LC-Duplex to MPO-24 modules, fully populated.

XD-06U-PPL-24MP2 = EDGE XD 6U ERC, 6x 36 MPO-8 pass through patch panels.

Ordering Information – Additional Modules or Panels to Upgrade



XD-MOD-MP3

XD - - -

1 **2** **3**

1 Select type of component.

MOD = Module
PPL = Patch panel

2 Select the side.

L = Left
R = Right

3 Select port configuration.

MP3 = MPO-8 to MPO-24 (only for MOD)
LC24 = LC Duplex to MPO-24 (only for MOD)
MP3LC1 = MPO-8 to MPO-24, top row 12x LC Duplex (only for MOD)
MP3LC2 = MPO-8 to MPO-24, 2 top rows 12x LC Duplex (only for MOD)
MP3LC3 = MPO-8 to MPO-24, 3 top rows 12x LC Duplex (only for MOD)
24MP2 = 24 x MPO24 adapters

EDGE™ Rapid Connect Enclosures

The Corning EDGE™ Rapid Connect Enclosures manage the interconnect of preterminated outside plant trunk cables and preterminated flame-retardant indoor trunks in data center interconnect (DCI) applications. They allow for simplified trunk entry and cable management, and the removable top and bottom cover plates, along with a splittable foam cable entry area to ensure enhanced accessibility during installation.

The enclosure accommodates up to four outside plant trunks and up to 24 indoor trunks. Each enclosure is shipped with accessories for wall-mounted and 19-inch rack applications; a 23-inch rack mounting kit is sold separately.



RXD-OPE-L-24-24VM



RXD-OPE-L-24-24VM

Features	Benefits
MTP® based interconnect capacity of 3,456 or 6,912 fibers	
Patch trays include pre-installed 24-fiber Fast-Track MTP Connector adapters	Optimized for use with Rapid Connect trunks. Each tray comes with 12 adapters.
Factory Termination	No cable entry kits required
Locking option for additional security	

EDGE Rapid Connect Enclosures

RXD - OPE - - - 24VM

1

2

1 Select locking option.

- 1 = Non-locking
- L = Locking

2 Select number of trays.

- 12 = 12 trays (3,456 enclosure fiber capacity)
- 24 = 24 trays (6,912 enclosure fiber capacity)

Specifications

General Specifications	
Environment	Indoor
Mounting Type	19-in rack mount, or wall mount; 23-in rack mount available as an option
Access Type	Front access
Package Contents	Rapid Connect Enclosure, 12 or 24 patch trays, accessory kit, installation instructions
Lockable	Available as an option
Units per Delivery	1/1
General Specifications	
Housing Material	Metal
Color	White
Cable Entry Direction	Top
Patch Tray Adapter Type	24-fiber Fast-Track MTP® Connector adapter
Number of Adapters per Patch Tray	12
Number of Fibers per Patch Tray	288
Maximum Fiber Capacity per Enclosure	3,456 fibers (12-tray version); 6,912 fibers (24-tray version)
Enclosure Dimensions	
Height	1,023.6 mm (40.3 in)
Width	447.0 mm (17.6 in)
Depth	396.2 mm (15.6 in)
Shipping Box Dimensions	
Height	1,130.3 mm (44.5 in)
Width	504.8 mm (19.87 in)
Depth	541.3 mm (21.31 in)
Weight	63 lb (12-tray version); 75 lb (24-tray version)
Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU*

**Compliant with EU RoHS 2011/65/EU* means that the product or part complies with directive 2011/65/EU of the European Parliament regarding the restriction of the use of certain hazardous substances in electrical and electronic equipment. This statement represents Corning's knowledge and belief, which may be based in whole or in part on information provided by third party suppliers to Corning.

EDGE™ Rapid Connect Consolidator Frame

As Corning's highest capacity connectivity platform for the data center environment, the Consolidator Frame provides the ability to interconnect up to 34,560 fibers from EDGE™ Rapid Connect Trunks in a single frame location.

Built on a robust Triple-U rail system that delivers exceptional strength and performance, the Consolidator Frame's side walls are removable, while the front and rear doors are lockable as an added option. In addition, cables can conveniently enter and exit the top of the frame.

The Consolidator Frame features ten vertically-oriented shelf units, with each shelf accommodating 12 connector panels. Each connector panel is preloaded with 12x24-fiber Fast-Track MTP® Connector adapters. This enables each panel to interconnect up to 288 fibers, resulting in a 3,456-fiber capacity per shelf.



Features and Benefits

MTP-based interconnect capacity of 34,560 fibers

Incoming and outgoing cable strain-relief and space for slack management provided along each shelf

Locking option for additional security

Part Number	Product Description
PF-CNS-18-0000-FL	Consolidator Frame, 8 feet tall, no connector panels installed, white color, no locks
PF-CNS-L8-0000-FL	Consolidator Frame, 8 feet tall, no connector panels installed, white color, with locks
PF-CNPNL-12-24VM	Consolidator connector panel with 12 24-fiber MTP Fast-Track Connector adapters installed

Specifications

General Specifications	
Application	Data Center
Mounting Type	Rack/Frame Solution
Frame Material	Metal
Frame Cable Entry Direction	Top
Connector Panel Adapter Type	24-fiber Fast-Track MTP® Connector adapter
Adapter Color	Mustard
Number of Adapters per Connector Panel	12
Fiber Capacity Per Connector Panel	288
Connector Panels Per Shelf	12
Fiber Capacity Per Shelf	3,456
Shelf Units Per Frame	10
Fiber Capacity Per Frame	34,560

Dimensions			
Part Number	Height	Width	Depth
PF-CNS-18-0000-FL	2.44 m (8 ft)	1.12 m (3.67 ft)	1.22 m (4 ft)
PF-CNS-L8-0000-FL	2.44 m (8 ft)	1.12 m (3.67 ft)	1.22 m (4 ft)
PF-CNSPNL-12-24VM	156 mm (6.14 in)	35 mm (1.38 in)	52 mm (2.05 in)



Consolidator Frame



Consolidator Frame



Consolidator Panel (PF-CNSPNL-12-24VM)

Ordering Information

Ordering Information	
Part Number	Units Per Delivery
PF-CNS-18-0000-FL	1/1
PF-CNS-L8-0000-FL	1/1
PF-CNSPNL-12-24VM	1/1

Standards	
RoHS	Free of hazardous substances according to RoHS 2011/65/EU

Accessories

Accessories	
Part Number	Product Description
PF-CNSKIT-A-FL	Trunk strain-relief kit for two shelves, includes cable retention plates and RSU protectors
PF-CNSKIT-B-FL	Extra cable retention plates for two shelves
PF-CNSKIT-C	Extra RSU protectors for two shelves



Trunk strain-relief kit for two shelves, includes cable retention plates and RSU protectors



Extra cable retention plates for two shelves



Extra RSU protectors for two shelves

Customize Your Deployment

Work with a Corning expert to design your solution. [Contact a rep today.](#)

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