

EDGE™ MTP® Trunk Bend-improved Single-mode (OS2), MTP® Connector to MTP Connector, 12 F, with 33/33 inch legs, pulling grip one side, 40 ft

CORNING

Part Number:
G909012GPNDDU040F

EDGE™ MTP® trunks provide the backbone of the EDGE solution. With non-pinned MTP connectors on both ends, these fiber trunk cable assemblies are designed to interface with the EDGE solutions or Plug & Play™ systems modules. All MTP trunks are manufactured with Corning® CleanAdvantage™, MTP trunk cables are shipped with strain-relief clips to allow easy tool-less installation.

Features and Benefits

Snap-in strain-relief clips

Provide easier cable management

Small outer diameter

Improves cable tray fill ratio and allows for imported airflow

Low-loss connectivity

Enables system design flexibility

Bend-improved fiber

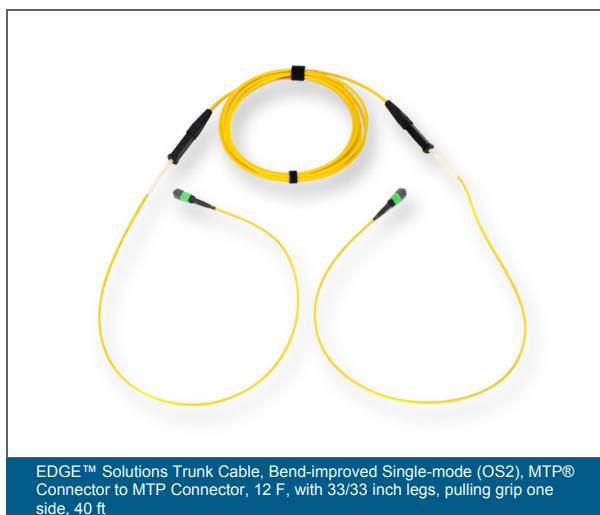
Allows tighter cable bends for slack storage and routing, less risk of downtime due to pinched or bent cables

Fiber optic trunk cable manufactured with Corning® CleanAdvantage™ technology and optimized dust cap

Eliminates the need for scoping and cleaning prior to initial field connection

Non-pinned MTP connectors on both ends

Fiber optic trunks designed to interface with the EDGE solutions or Plug & Play™ systems modules



EDGE™ Solutions Trunk Cable, Bend-improved Single-mode (OS2), MTP® Connector to MTP Connector, 12 F, with 33/33 inch legs, pulling grip one side, 40 ft

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Specifications

General Specifications

Flame Rating	Plenum (OFNP)
Fiber Category	Bend-improved SM (OS2)
Cable Assembly Type	EDGE™ Trunk
Environment	Indoor
Pulling grip	Yes
Connector Assembly Type	MTP to MTP

Standards

Fiber Standards	ITU-T G.652.D and ITU-T G.657.A1
RoHS	Free of hazardous substances according to RoHS 2011/65/EU
Approvals and Listings	NFPA 262, National Electrical Code® (NEC®), OFNP, CSA FT-6
Design and Test Criteria	ANSI/ICEA S-83-596

Environmental Conditions

Temperature Range, Installation	-5 °C to 50 °C (23 °F to 122 °F)
Temperature Range, Operation	-10 °C to 60 °C (14 °F to 140 °F)

Design

Fiber Count	12
Polarity	Universal, TIA-568 Type-B
Strain-Relief Bracket Type	1
Fiber Type	Single-Mode Ultra-Bendable Fiber

Mechanical Specifications

Nominal Outer Diameter	5.5 mm ± 0.3mm
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Mechanical Specifications

Max. Tensile Strength for Installation	440 N
Min. Bend Radius Installation	82.5 mm
Min. Bend Radius Operation	27.5 mm
Minimum Conduit Size with 18-in Elbow	63.5 mm

Specifications - Connector A

Insertion Loss, Max.	0.75 dB
Connector Type	MTP® (non-pinned)
Ferrule Material	Composite
Reflectance	< -55 dB

Specifications - Connector B

Insertion Loss, Max.	0.75 dB
Connector Type	MTP® (non-pinned)
Ferrule Material	Composite
Reflectance	< -55 dB

Pulling Grip - Connector A

Pulling grip	Yes
Tensile Strength	440 N
Grip Outer Diameter	41 mm

Pulling Grip - Connector B

Min. Duct Size Diameter	64 mm
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Dimensions

Length	40 ft -0 / +0.61m
Cable Weight	32 kg/km

Ordering Information

Product Number	G909012GPNDDU040F
Reel Diameter	23.5 in
Reel Width	5 in
Units per Delivery	1/1

Furcation - Connector A

Leg Length	838 mm -0 / +76mm
Furcation Type	EDGE™ Size 1, 14.7 mm x 14.7 mm x 108.6 mm
Leg Color	Yellow
Leg Diameter	2 mm

Furcation - Connector B

Furcation Type	EDGE™ Size 1, 14.7 mm x 14.7 mm x 108.6 mm
Leg Diameter	2 mm
Leg Length	838 mm



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