

EDGE™ MTP® Trunk 50 µm multimode (OM3), MTP® Connector to MTP Connector, 12 F, with 33/33 inch legs, pulling grip one side, 20 ft



Part Number:
G757512TPNDDU020F

EDGE™ MTP® trunks provide the backbone of the EDGE solution. With non-pinned MTP connectors on both ends, these trunks are designed to interface with the EDGE solutions or Plug & Play™ systems modules. All MTP trunks are manufactured with Corning® CleanAdvantage™ and 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 fibre

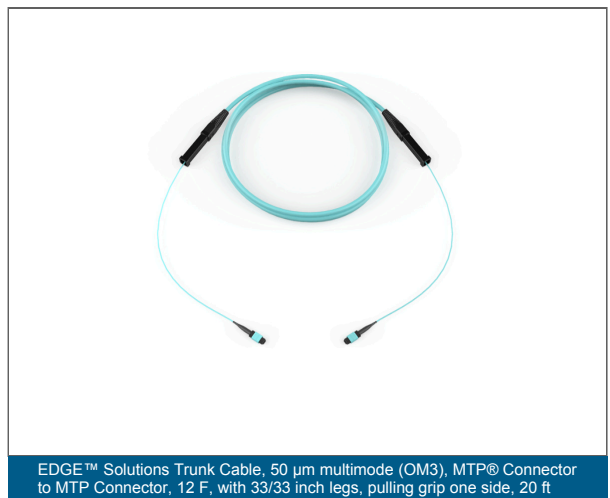
Allows tighter cable bends for slack storage and routing, less risk of downtime due to pinched or bent cables

Corning® CleanAdvantage™ technology and optimized dust cap

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



EDGE™ Solutions Trunk Cable, 50 µm multimode (OM3), MTP® Connector to MTP Connector, 12 F, with 33/33 inch legs, pulling grip one side, 20 ft



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Specifications

General Specifications	
Flame Rating	Plenum (OFNP)
Fiber Category	50 μm MM (OM3)
Cable Assembly Type	EDGE™ Trunk
Environment	Indoor
Connector Assembly Type	MTP to MTP

Standards	
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, 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	Multimode

Mechanical Specifications	
Nominal Outer Diameter	5.5 mm ± 0.3mm (0.22 in ± 0.01in)
Max. Tensile Strength for Installation	440 N (98.92 lbf)
Min. Bend Radius Installation	82.5 mm (3.25 in)
Min. Bend Radius Operation	27.5 mm (1.08 in)

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Mechanical Specifications

Minimum Conduit Size with 18-in Elbow	63.5 mm (2.5 in)
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Optical Characteristics

Fiber Code	T
Fiber Type	Multimode
Performance Option Code	80
Fiber Core Diameter	50 µm
Minimum Effective Modal Bandwidth (EMB)	2000 MHz*km / -
Maximum Attenuation	2.8 dB/km / 1.0 dB/km
Min. Overfilled Launch (OFL) Bandwidth	1500 MHz*km / 500 MHz*km
Serial 1 Gigabit Ethernet	1000 MHz*km / 600 MHz*km
Serial 10 Gigabit Ethernet	300 MHz*km / -
Wavelengths	850 nm / 1300 nm
Fiber Category	OM3

Specifications - Connector A

Insertion Loss, Max.	0.25 dB
Connector Type	MTP® (non-pinned)
Ferrule Material	Composite
Reflectance	< -20 dB

Specifications - Connector B

Insertion Loss, Max.	0.25 dB
Connector Type	MTP® (non-pinned)
Ferrule Material	Composite
Reflectance	< -20 dB

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Pulling Grip - Connector A

Pulling grip	Yes
Tensile Strength	440 N (98.92 lbf)
Grip Outer Diameter	41 mm (1.61 in)

Pulling Grip - Connector B

Min. Duct Size Diameter	64 mm (2.52 in)
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Dimensions

Length	20 ft -0 / +0.61m
Cable Weight	32 kg/km (21.5 lb/1000 ft)

Ordering Information

Product Number	G757512TPNDDU020F
EAN Code	4056418177595
Reel Diameter	23.5 in
Reel Width	5 in
Units per Delivery	1/1

Cable Material

Fiber Count	12
Fiber Type	OM3 MM
Outer Diameter	Standard
Flame Rating	Plenum
Aarmor	Non-armored
Length	20
Unit of Measure	Feet
Cable Type	Distribution

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Cable Material

Fiber Mode	Multimode
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CONNECTOR_A_1 Material

Connector	MTP® 12F Non-pinned
Connector Keying	Non-Keyed
Connector Loss	Low Loss
Connector Pinning	Non-Pinned

CONNECTOR_B Material

Connector	MTP® 12F Non-pinned
Connector Keying	Non-Keyed
Connector Pinning	Non-Pinned
Connector Loss	Low Loss

Furcation A Material

Leg Length	33 in
Leg Length	838 mm -0 / +76mm (32.99 in -0 / +2.99in)
Furcation Type	EDGE™ Size 1, 14.7 mm x 14.7 mm x 108.6 mm
Leg Color	Aqua
Leg Diameter	2 mm (0.08 in)

Furcation - Connector B

Furcation Type	EDGE™ Size 1, 14.7 mm x 14.7 mm x 108.6 mm
Leg Color	Aqua
Leg Diameter	2 mm (0.08 in)
Leg Length	838 mm -0 / +76mm (32.99 in -0 / +2.99in)
Leg Length	33 in

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CORNING



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