

EDGE™ MTP® Trunk 36F, 50 μm multimode (OM4), 100 ft

CORNING

Part Number:
G757536QPNDU100F

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

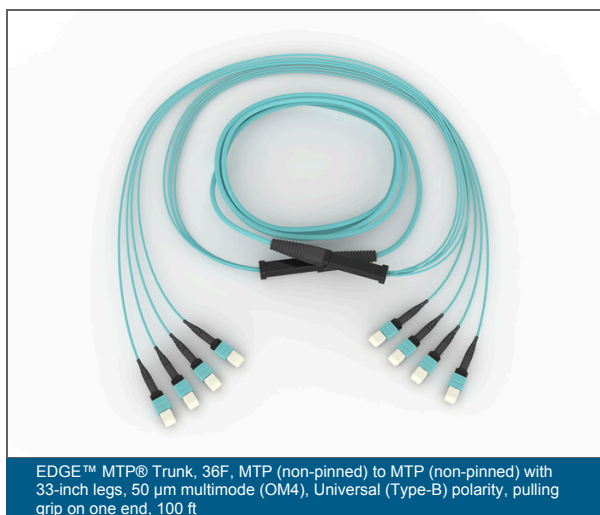
Allows tighter cable bends for slack storage and routing, less risk of downtime due to pinched or bent cables

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™ MTP® Trunk, 36F, MTP (non-pinned) to MTP (non-pinned) with 33-inch legs, 50 μm multimode (OM4), Universal (Type-B) polarity, pulling grip on one end, 100 ft

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Specifications

General Specifications

Flame Rating	Plenum (OFNP)
Fiber Category	50 µm MM (OM4)
Cable Assembly Type	EDGE™ Trunk
Environment	Indoor
Application	Data Center
Pulling grip	Yes
Connector Assembly Type	MTP to MTP

Standards

Fiber Standards	IEC 60793-2-10 for A1a class 50/125 multimode fibers; TIA/EIA 492AAAD (OM4); ITU-T Recommendation G.651; ISO/IEC 11801 Ed.2.2 Grade OM4
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)
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Design

Fiber Count	36
Polarity	Universal, TIA-568 Type-B
Fiber Type	Multimode

Mechanical Specifications

Nominal Outer Diameter	8 mm (0.31 in)
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Mechanical Specifications

Max. Tensile Strength for Installation	660 N (148.37 lbf)
Min. Bend Radius Installation	120 mm (4.72 in)
Min. Bend Radius Operation	40 mm (1.57 in)
Weight	56 kg/km (37.63 lb/1000 ft)
Minimum Conduit Size with 18-in Elbow	64 mm (2.52 in)

Optical Characteristics

Fiber Code	T
Performance Option Code	90
Fiber Category	OM4
Fiber Type	Multimode
Fiber Name	50 µm MM (OM4)
Maximum Attenuation	2.8 dB/km / 1.0 dB/km
Wavelengths	850 nm / 1300 nm
Fiber Compliance	IEC 60793-2-10
Fiber Core Diameter	50 µm
Serial 1 Gigabit Ethernet	1000 m / 600 m
Serial 10 Gigabit Ethernet	550 m / -
Minimum Effective Modal Bandwidth (EMB)	4700 MHz*km / -
Min. Overfilled Launch (OFL) Bandwidth	3500 MHz*km / 500 MHz*km

Specifications - Connector A

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

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Specifications - Connector B

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

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	100 ft
Cable Weight	56 kg/km (37.63 lb/1000 ft)

Ordering Information

Product Number	G757536QPNDU100F
Packaging Method	Plastic reel
Units per Delivery	1/1

Furcation - Connector A

Leg Length non-unit	Non-staggered (900 mm/36 in)
Leg Length	838 mm -0 / +76mm (32.99 in -0 / +2.99in)

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Furcation - Connector A	
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 Count	3

Furcation - Connector B	
Furcation Type	EDGE™ Size 1, 14.7 mm x 14.7 mm x 108.6 mm
Leg Diameter	2 mm (0.08 in)
Leg Length	838 mm (32.99 in)
Leg Length non-unit	Non-staggered (900 mm/36 in)



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