

EDGE™ MTP® Extender Trunk 24F, 50 μm multimode (OM4), 100 ft

CORNING

Part Number:
G937524QPNCDX100F

The EDGE™ MTP® Extender Trunks provide additional distance for the backbone of the EDGE Solution. With a non-pinned MTP on one end of the cable, a pinned MTP on the other and a TIA-568 Type-A polarity, these trunks are designed to interface with a EDGE or Plug & Play™ module and an MTP trunk. All trunks are shipped with strain-relief clips that allow for the tool-less installation in both EDGE and Plug & Play housings. Most often these extender trunks will be used in a Zone Distribution Area (ZDA).

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

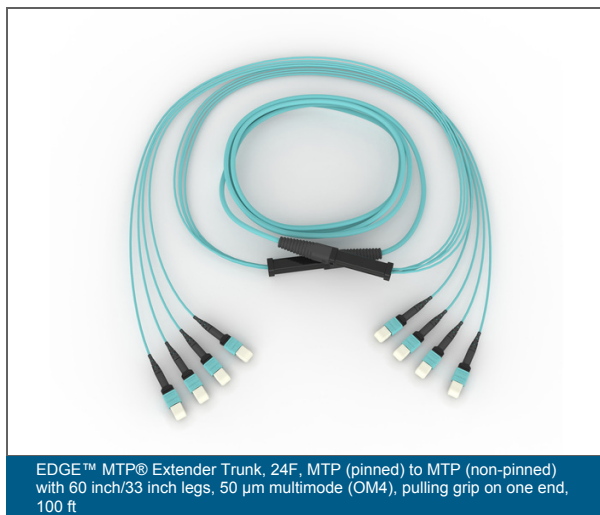
Enables system design flexibility

Bend-improved fiber

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

Corning® CleanAdvantage™ technology and optimized dust cap

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



EDGE™ MTP® Extender Trunk, 24F, MTP (pinned) to MTP (non-pinned) with 60 inch/33 inch legs, 50 μm multimode (OM4), 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
Cable Type	Indoor: ANSI/ICEA S-83-596
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
Reaction to Fire	Cca, s1b, d1, 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

Environmental Conditions

Temperature Range, Operation	-10 °C to 60 °C (14 °F to 140 °F)
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Design

Fiber Count	24
Polarity	Extender, TIA-568 Type-A
Fiber Type	Multimode

Mechanical Specifications

Nominal Outer Diameter	7.7 mm
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Mechanical Specifications

Max. Tensile Strength for Installation	660 N
Min. Bend Radius Installation	115.5 mm
Min. Bend Radius Operation	38.5 mm
Minimum Conduit Size with 18-in Elbow	64 mm

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® (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
Grip Outer Diameter	41 mm

Pulling Grip - Connector B

Min. Duct Size Diameter	64 mm
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Dimensions

Length	100 ft
Cable Weight	50 kg/km

Ordering Information

Product Number	G937524QPNCDX100F
Packaging Method	Plastic reel
Reel Diameter	23.5 in
Reel Width	5 in
Units per Delivery	1/1

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Furcation - Connector A	
Leg Length	1524 mm -0 / +76mm
Furcation Type	EDGE™ Size 1, 14.7 mm x 14.7 mm x 108.6 mm
Leg Color	Aqua
Leg Diameter	2 mm
Leg Count	2

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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