

# EDGE™ Extender Trunk

50 µm MM (OM4), MTP® (NP) to MTP (P), 576F, with 33/60-inch legs, non-armored EDGE, plenum, pulling grip one end, 100 ft



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

### High-density trunk cables

Allow tighter trunk cable bends for slack storage and routing

### Low insertion loss performance

Allows for more connections in a link when deploying a TIA-942-compliant system

### Universal wired components

Enable moves, adds and changes without polarity concerns; provide a simple migration path between 2-fiber and parallel optic applications

### Factory-terminated solutions

Provide consistent quality, ensure system performance, and reduce installation time

## Standards

**Approvals and Listings** NFPA 262, National Electrical Code® (NEC®), OFNP, CSA FT-6

## Specifications

General Specifications	
Application	Data Center LAN/SAN
Cable Type	Indoor: ANSI/ICEA S-83-596
Flame Rating	Plenum (OFNP)
Cable Assembly Type	EDGE™ Extender Trunk
Fiber Category	50 µm MM (OM4)

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## Temperature Range

Operation	-10 °C to 60 °C (14 °F to 140 °F)
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## Design - Connector A

Connector Type	MTP® (pinned)
Ferrule Material	Composite

## Optical Specifications - Connector A

Reflectance, Typical	< -20 dB
Insertion Loss, Max.	0.35 dB

## Design - Connector B

Connector Type	MTP® (non-pinned)
Ferrule Material	Composite

## Optical Specifications - Connector B

Reflectance, Typical	< -20 dB
Insertion Loss, Max.	0.35 dB

## Cable Design

Fiber Count	576
Outer Jacket Color	Aqua
Polarity	Extender; TIA-568 Type-A

## Mechanical Characteristics Cable

Nominal Outer Diameter	24.5 mm (0.96 in)
Min. Bend Radius Installation	368 mm (14.4 in)
Min. Bend Radius Operation	122.5 mm (4.8 in)
Max. Tensile Strength for Installation	440 N
Weight	469.4 kg/km (308 lb/1000 ft)

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## Optical Characteristics (cabled)

Fiber Compliance	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
Wavelengths	850 nm / 1300 nm
Maximum Attenuation	3.0 dB/km / 1.0 dB/km
Serial 1 Gigabit Ethernet	1000 m / 600 m
Serial 10 Gigabit Ethernet	550 m / -
Induced Attenuation @ 7.5 mm Radius	< 0.2 dB 2 turns; 7.5 mm radius; 850 nm
Min. Overfilled Launch (OFL) Bandwidth	1500 MHz*km / 500 MHz*km
Minimum Effective Modal Bandwidth (EMB)	4700 MHz*km / -

## Furcation - Connector A

Leg Length	1,524 mm (+76 mm/-0 mm) (60 in (+3 in/-0 in))
Leg Diameter	2.0 mm
Leg Color	Aqua

## Furcation - Connector B

Leg Length	838 mm (+76 mm/-0 mm) (33 in (+3 in/-0 in))
Leg Diameter	2.0 mm
Leg Color	Aqua

## Pulling Grip - Connector A

Pulling Grip - Connector A	Yes
Pulling Grip Outer Diameter	48.0 mm (1.9 in)
Min. Duct Size Diameter	50.0 mm (2.0 in)
Tensile Strength	440 N (100 lb)

## Pulling Grip - Connector B

Pulling Grip - Connector B	No
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## Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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## Ordering Information

Part Number	G9375AZQPNCDX100F
Product Description	EDGE™ Solutions Extender Trunk, 50 µm MM (OM4), MTP® (NP) to MTP (P), 576F, with 33/60-inch legs, non-armored EDGE, plenum, pulling grip one end, 100 ft
EAN Code	4056418688473
Length	100 ft (+3 ft/-0 ft) (30.5 m (+0.91 m/-0 m))

## Shipping Information

Units per Delivery	1/1
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