

EDGE™ Extender Trunk

50 µm MM (OM4), MTP® (NP) to MTP (P), 432F, 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)

EDGE™ Extender Trunk

50 µm MM (OM4), MTP® (NP) to MTP (P), 432F, with 33/60-inch legs, non-armored EDGE, plenum, pulling grip one end, 100 ft



Temperature Range

Operation	-10 °C to 60 °C (14 °F to 140 °F)
-----------	-----------------------------------

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	432
Outer Jacket Color	Aqua
Polarity	Extender; TIA-568 Type-A

Mechanical Characteristics Cable

Nominal Outer Diameter	22 mm (0.87 in)
Min. Bend Radius Installation	330 mm (13.0 in)
Min. Bend Radius Operation	110.0 mm (4.4 in)
Max. Tensile Strength for Installation	440 N
Weight	392.9 kg/km (257.8 lb/1000 ft)

EDGE™ Extender Trunk

50 µm MM (OM4), MTP® (NP) to MTP (P), 432F, with 33/60-inch legs, non-armored EDGE, plenum, pulling grip one end, 100 ft

CORNING

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
----------------------------	----

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
------	---

EDGE™ Extender Trunk

50 µm MM (OM4), MTP® (NP) to MTP (P), 432F, with 33/60-inch legs, non-armored EDGE, plenum, pulling grip one end, 100 ft



Ordering Information

Part Number	G9375AKQPNCDX100F
Product Description	EDGE™ Solutions Extender Trunk, 50 µm MM (OM4), MTP® (NP) to MTP (P), 432F, with 33/60-inch legs, non-armored EDGE, plenum, pulling grip one end, 100 ft
EAN Code	4056418688466
Length	100 ft (+3 ft/-0 ft) (30.5 m (+0.91 m/-0 m))

Shipping Information

Units per Delivery	1/1
--------------------	-----



Corning Optical Communications LLC • PO Box 489 • Hickory, NC 28603-0489 USA

800-743-2675 • FAX: 828-325-5060 • International: +1-828-901-5000 • www.corning.com/opcomm

A complete listing of the trademarks of Corning Optical Communications is available at www.corning.com/opcomm/trademarks. All other trademarks are the properties of their respective owners. Corning Optical Communications is ISO 9001 certified.

© 2017 Corning Optical Communications. All rights reserved.

