

# EDGE™ Extender Trunk

Bend-improved Single-mode (OS2), MTP® Connector to MTP Connector, 24 F, with 33/60 inch legs, pulling grip one side, 100 ft

CORNING

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

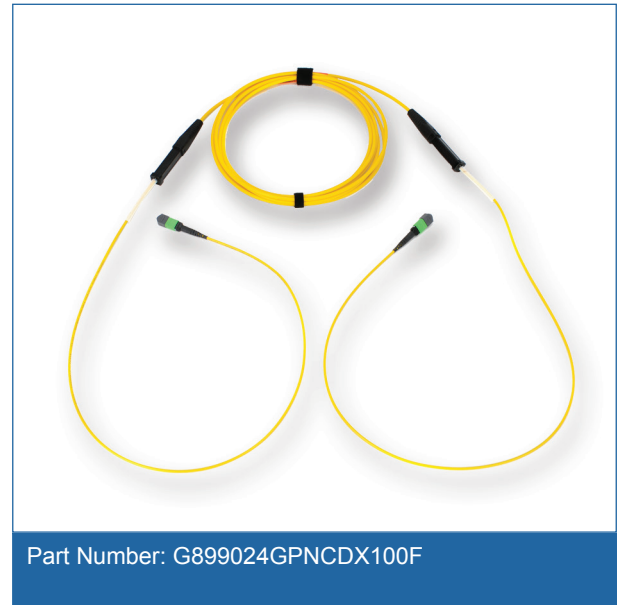
Allows for more connections in a link when deploying a TIA-942-compliant system

### 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	Bend-improved SM (OS2)

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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

Insertion Loss, Max.	0.75 dB
Reflectance	< -55 dB

## Design - Connector B

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

## Optical Specifications - Connector B

Insertion Loss, Max.	0.75 dB
Reflectance	< -55 dB

## Cable Design

Fiber Count	24
Outer Jacket Color	Yellow
Polarity	Extender; TIA-568 Type-A

## Mechanical Characteristics Cable

Nominal Outer Diameter	7.7 mm ± 0.3 mm
Min. Bend Radius Installation	115.5 mm (4.55 in)
Min. Bend Radius Operation	38.5 mm (1.52 in)
Max. Tensile Strength for Installation	660 N
Weight	50 kg/km (34 lb/1000 ft)

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## Furcation - Connector A

Leg Length	1,524 mm (-0 mm/+76 mm) (60 in (-0 in/+3 in))
Leg Color	Yellow
Leg Diameter	2.0 mm
Furcation Type - A	EDGE™ Size 1; 14.7 mm x 14.7 mm x 108.6 mm

## Furcation - Connector B

Leg Length	838 mm (-0 mm/+76 mm) (33 in (-0 in/+3 in))
Leg Color	Yellow
Leg Diameter	2.0 mm
Furcation Type - B	EDGE™ Size 1; 14.7 mm x 14.7 mm x 108.6 mm

## Pulling Grip - Connector A

Pulling Grip - Connector A	Yes
Pulling Grip Outer Diameter	41 mm (1.6 in)
Min. Duct Size Diameter	64 mm (2.5 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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## Fiber Specifications

### Optical Characteristics (cabled)

Fiber Type	Single-Mode Ultra-Bendable Fiber
Fiber Core Diameter	8.2 μm

\* ITU-T G.652 D compliant.

\* Meets 0.75 ns optical skew when used in all Corning Plug and Play™/EDGE™ systems solutions.

Notes: 1) Improved attenuation and bandwidth options available.  
2) Bend-insensitive single-mode fibers available on request.  
3) Contact a Corning Customer Care Representative for additional information.

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## Fiber Specifications

Optical Characteristics (cabled)	
Fiber Category	OS2
Fiber Compliance	ITU-T G.652.D and ITU-T G.657.A1
Fiber Code	G
Wavelengths	1310 nm / 1383 nm / 1550 nm
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km
Serial 1 Gigabit Ethernet	5000 m / - / -
Serial 10 Gigabit Ethernet	10000 m / - / 40000 m
Induced Attenuation @ 10 mm Radius	0.5 dB (1 turn; 10 mm radius; 1550 nm)

\* ITU-T G.652 D compliant.

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## Ordering Information

Part Number	G899024GPNCDX100F
Product Description	EDGE™ Solutions Extender Trunk, Bend-improved Single-mode (OS2), MTP® Connector to MTP Connector, 24 F, with 33/60 inch legs, pulling grip one side, 100 ft
EAN Code	4056418686868
Weight	2.5 kg (5.6 lb)
Length	100 ft (-0 ft/+2 ft) (30 m (-0 m/+0.61 m))

## Shipping Information

Units per Delivery	1/1
Reel Diameter	23.5 in
Reel Width	5 in



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