

# EDGE™ MTP® Trunk Bend-improved Single-mode (OS2), MTP® Connector to MTP Connector, 24 F, with 33/33 inch legs, pulling grip one side, 30 ft



**Part Number:**  
**G909024GPNDDU030F**

EDGE™ MTP® trunks provide the backbone of the EDGE solution. With non-pinned MTP connectors on both ends, these trunks are designed to interface with the EDGE solutions or Plug & Play™ systems modules. All MTP trunks are manufactured with Corning® CleanAdvantage™ and 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

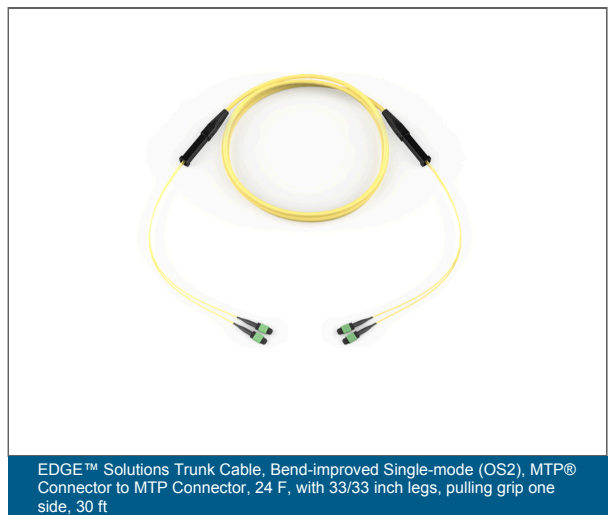
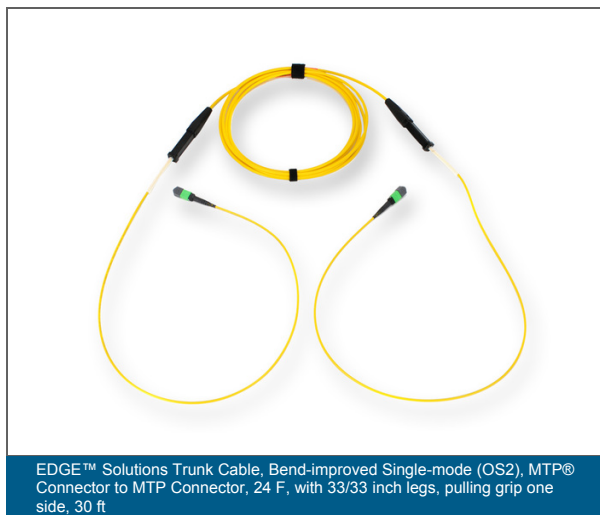
Enables system design flexibility

### Bend-improved fibre

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



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## Specifications

### General Specifications

Flame Rating	Plenum (OFNP)
Fiber Category	Bend-improved Single-Mode (OS2)
Cable Assembly Type	EDGE™ Trunk
Environment	Indoor
Application	Data Center LAN/SAN
Connector Assembly Type	MTP to MTP

### Standards

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, Installation	0 °C to 50 °C (32 °F to 122 °F )
Temperature Range, Operation	-10 °C to 60 °C (14 °F to 140 °F )

### Design

Fiber Count	24
Polarity	Universal, TIA-568 Type-B
Strain-Relief Bracket Type	1

### Mechanical Specifications

Nominal Outer Diameter	7.7 mm ± 0.3mm (0.3 in ± 0.01in)
Max. Tensile Strength for Installation	660 N (148.37 lbf)
Min. Bend Radius Installation	115.5 mm (4.55 in)

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## Mechanical Specifications

Min. Bend Radius Operation	38.5 mm (1.52 in)
Minimum Conduit Size with 18-in Elbow	63.5 mm (2.5 in)

## Optical Characteristics

Fiber Code	G
Fiber Type	Single-Mode Ultra-Bendable Fiber
Fiber Compliance	ITU-T G.652.D and ITU-T G.657.A1
Fiber Core Diameter	8.2 μm
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km
Serial 1 Gigabit Ethernet	5000 MHz*km / - / -
Serial 10 Gigabit Ethernet	10000 MHz*km / - / 40000 MHz*km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fiber Category	OS2

## Specifications - Connector A

Insertion Loss, Max.	0.75 dB
Connector Type	MTP® (non-pinned)
Ferrule Material	Composite
Reflectance	< -55 dB

## Specifications - Connector B

Insertion Loss, Max.	0.75 dB
Connector Type	MTP® (non-pinned)
Ferrule Material	Composite
Reflectance	< -55 dB

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## 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	30 ft -0 / +0.61m
Cable Weight	50 kg/km (33.6 lb/1000 ft)

## Ordering Information

Product Number	G909024GPNDDU030F
EAN Code	4056418181059
Reel Diameter	23.5 in
Reel Width	5 in
Units per Delivery	1/1

## Cable Material

Fiber Count	24
Fiber Type	OS2 Bend-improved SM
Outer Diameter	Standard
Flame Rating	Plenum
Aarmor	Non-armored
Length	30
Unit of Measure	Feet
Cable Type	Distribution

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## Cable Material

Fiber Mode	Single-Mode
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## CONNECTOR\_A\_1 Material

Connector	MTP® 12F Non-pinned
Connector Keying	Non-Keyed
Connector Loss	Standard Loss
Connector Pinning	Non-Pinned

## CONNECTOR\_B Material

Connector	MTP® 12F Non-pinned
Connector Keying	Non-Keyed
Connector Pinning	Non-Pinned
Connector Loss	Standard Loss

## Furcation A Material

Leg Length	33 in
Leg Length	838 mm -0 / +76mm (32.99 in -0 / +2.99in)
Furcation Type	EDGE™ Size 1, 14.7 mm x 14.7 mm x 108.6 mm
Leg Color	Yellow
Leg Diameter	2 mm (0.08 in)

## Furcation - Connector B

Furcation Type	EDGE™ Size 1, 14.7 mm x 14.7 mm x 108.6 mm
Leg Color	Yellow
Leg Diameter	2 mm (0.08 in)
Leg Length	838 mm -0 / +76mm (32.99 in -0 / +2.99in)
Leg Length	33 in

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