

EDGE8® MTP® PRO Jumper 8 F, Bend-Improved single-mode (OS2), 10 ft

CORNING

Part Number:
JE8E808GE8-NB010F

EDGE8® 8-fiber MTP® PRO jumpers allow for seamless migration to higher data rates in the data center when used in conjunction with EDGE8 trunks. These assemblies have the same connector size and cable footprint as duplex LC jumpers. The density, airflow, and cable management advantages of EDGE8 solutions are preserved as you migrate to higher data rates.

These MTP Jumpers are built utilizing MTP PRO connectors. MTP PRO allows for a simple, one-step, color-coded polarity change without removing the connector housing. The connector also provides the capability for field-friendly pinning configuration changes with safe handling of pins and easy color identification while maintaining product integrity.

EDGE8 MTP jumpers are manufactured with Corning® CleanAdvantage™ and shipped with optimized dust caps, eliminating the need for cleaning and scoping prior to initial field connection.

For polarity guidance, reference applications engineering note AEN156.

Features and Benefits

Slim round 2-fiber interconnect cable

Improves airflow and reduces congestion

MTP® PRO connectors

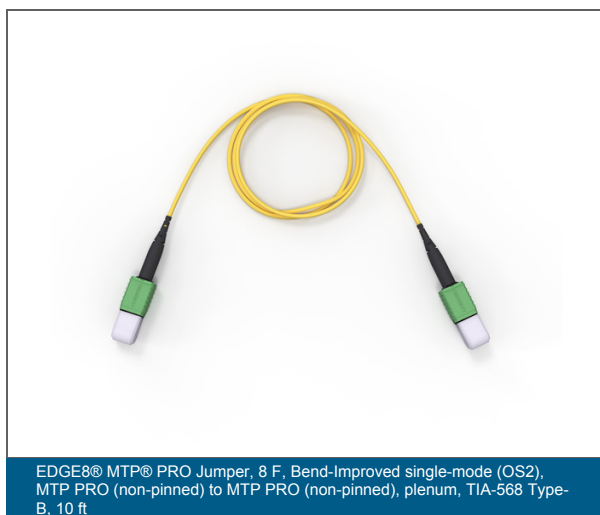
Allows for pinning and polarity changes in the field

Bend-improved fiber

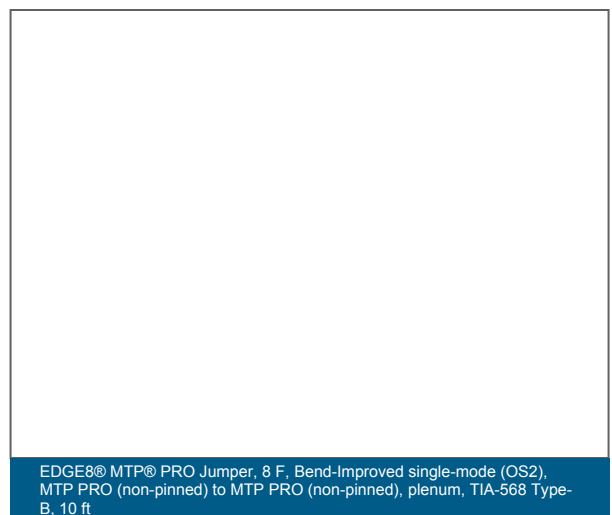
Allows tighter cable bends for slack storage and routing, less risk of downtime due to pinched or bent cables

Corning® CleanAdvantage™ technology and optimized dust cap

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



EDGE8® MTP® PRO Jumper, 8 F, Bend-Improved single-mode (OS2), MTP PRO (non-pinned) to MTP PRO (non-pinned), plenum, TIA-568 Type-B, 10 ft



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Specifications

General Specifications

Flame Rating	Plenum (OFNP)
Fiber Category	Bend-improved SM (OS2)
Cable Assembly Type	EDGE8 Jumper
Environment	Indoor
Application	Data Center
Cable Type	Interconnect
Assembly Insertion Loss	≤ 0.7 dB
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

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	8
Outer Jacket Material	Plenum
Polarity	TIA-568 Type-B
Fiber Type	Single-mode

Mechanical Specifications

Nominal Outer Diameter	2 mm (0.08 in)
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Mechanical Specifications

Max. Tensile Strength for Installation	220 N (49.46 lbf)
Min. Bend Radius Installation	30 mm (1.18 in)
Min. Bend Radius Operation	10 mm (0.39 in)
Weight	3.5 kg/km (2.35 lb/1000 ft)

Optical Characteristics

Fiber Code	Z
Performance Option Code	01
Fiber Category	OS2
Fiber Type	Single-mode (OS2) / 250 µm
Fiber Name	Bend-Improved Single-mode (OS2)
Maximum Attenuation	0.4 dB/km / 0.4 dB/km / 0.3 dB/km
Wavelengths	1310 nm / 1383 nm / 1550 nm
Fiber Compliance	ITU-T G.652.D and ITU-T G.657.A1

Specifications - Connector A

Polish	APC
Insertion Loss, Max.	0.35 dB
Boot Color	Black
Connector Type	MTP® PRO (non-pinned)
Ferrule Material	Composite
Boot Type	Simplex
Reflectance	< -55 dB

Specifications - Connector B

Polish	APC
Insertion Loss, Max.	0.35 dB
Boot Color	Black

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Specifications - Connector B

Connector Type	MTP® PRO (non-pinned)
Ferrule Material	Composite
Boot Type	Simplex
Reflectance	< -55 dB

Dimensions

Length	10 ft
Cable Weight	3.5 kg/km (2.35 lb/1000 ft)

Ordering Information

Product Number	JE8E808GE8-NB010F
Units per Delivery	1/1

Cable Material

Fiber Count	8
Fiber Type	OS2 Bend-improved SM
Outer Diameter	Standard
Flame Rating	Plenum
Aarmor	Non-armored
Length	10
Unit of Measure	Feet
Cable Type	Interconnect
Fiber Mode	Single-Mode

CONNECTOR_A_1 Material

Connector	MTP® 8F Non-pinned
Connector Keying	Non-Keyed

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CONNECTOR_A_1 Material	
Connector Loss	Standard Loss
Connector Pinning	Non-Pinned

CONNECTOR_B Material	
Connector	MTP® 8F Non-pinned
Connector Keying	Non-Keyed
Connector Pinning	Non-Pinned
Connector Loss	Standard Loss



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