

EDGE8® MTP® PRO Jumper 8 F, 50 µm multimode (OM4), 10 ft

CORNING

**Part Number:
JE6E608QE8-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™ technology and shipped with optimized dust caps, eliminating the need for cleaning and scoping prior to initial field connection.



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

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Specifications

Environmental Conditions

Temperature Range, Operation	-10 °C - 60 °C (14 °F - 140 °F)
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Specifications - Connector B

Polish	PC
Insertion Loss, Max.	0.25 dB
Boot Color	Black
Connector Type	MTP® PRO (non-pinned)
Ferrule Material	Composite
Boot Type	Individual
Reflectance	< -20 dB

Mechanical Specifications

Nominal Outer Diameter	2 mm (0.08 in)
Max. Tensile Strength for Installation	220 N
Min. Bend Radius Installation	30 mm (1.18 in)
Min. Bend Radius Operation	10 mm (0.39 in)
Cable Length	3.048 m (10 ft)
Weight	3.5 kg/km

Design

Fiber Count	8
Outer Jacket Material	Plenum
Outer Jacket Color	Aqua
Polarity	TIA-568 Type-B
Fiber Type	Multimode

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Specifications - Connector A

Polish	PC
Insertion Loss, Max.	0.25 dB
Boot Color	Black
Connector Type	MTP® PRO (non-pinned)
Ferrule Material	Composite
Boot Type	Individual
Reflectance	< -20 dB

General Specifications

Flame Rating	Plenum (OFNP)
Fiber Category	50 µm MM (OM4)
Cable Assembly Type	EDGE8 Jumper
Environment	Indoor
Application	Data Center LAN/SAN
Cable Type	Interconnect
Assembly Insertion Loss	0.5 dB
Connector Assembly Type	MTP PRO to MTP PRO

Ordering Information

Units per Delivery	1/1
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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

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Optical Characteristics

Fiber Code	Q
Fiber Type	Multimode
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
Fiber Core Diameter	50 µm
Minimum Effective Modal Bandwidth (EMB)	4700 MHz*km / -
Maximum Attenuation	2.8 dB/km / 1.0 dB/km
Min. Overfilled Launch (OFL) Bandwidth	1500 MHz*km / 500 MHz*km
Serial 1 Gigabit Ethernet	1000 MHz*km / 550 MHz*km
Parallel Optics 40 Gigabit Ethernet	150 m / -
Serial 10 Gigabit Ethernet	550 MHz*km / -
Wavelengths	850 nm / 1300 nm
Fiber Category	OM4

Standards

Fiber Standards	TIA/EIA-492AAAC-A , Tested with minEMBc method to TIA/EIA-455-220 , IEC 60793-2-10 Type A1a.2 Ed.2.0 , IEC 60793-1-49 Ed.2.0 , ITU-T G.651 , ISO/IEC 11801 Ed.2.2 Cat. OM3
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