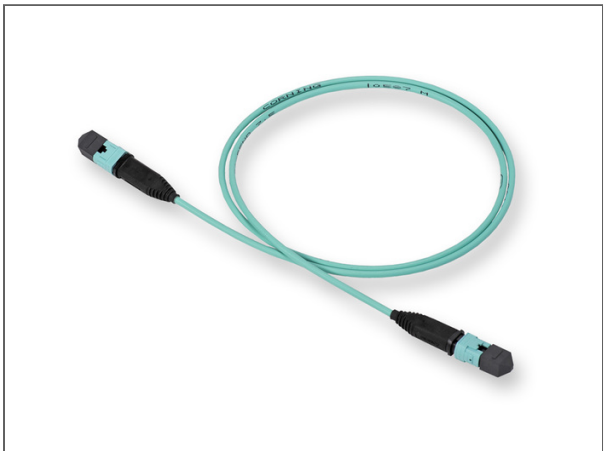
12-Fiber MTP® PRO Jumper 50 µm multimode (OM3), MTP (pinned) to MTP (pinned), TIA-568 Type-B polarity, no pulling grip, LSZH, 3 m

Part Number:
J939312TEZ-NB003M

EDGE™ MTP® PRO patch cords are used to create a connection between MTP adapter panels, conversion modules, and electronics, typically providing connectivity within the rack or the row. These cable assemblies feature a smaller (2.0 mm) outside diameter than traditional 12-fiber patch cords to improve finger access and reduce congestion and increase airflow in the horizontal and vertical rack space. EDGE 12-fiber MTP patch cords have the same connector size and cable footprint as LC duplex patch cords used today. The density, airflow, and cable management advantages of EDGE solutions was preserved as you migrate to higher data rates.

These patch cords are manufactured using Corning® CleanAdvantage™ technology and shipped with optimized dust caps, eliminating the need for cleaning and scoping prior to the initial field connection. They are built with MTP PRO push-pull connectors, allowing 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.



MTP® Jumper, 12F, 50 µm multimode (OM3), MTP (pinned) to MTP (pinned), TIA-568 Type-B polarity, no pulling grip, LSZH, 3 m

Features and Benefits

Slim round 2-fiber interconnect cable
Improves airflow and reduces congestion

MTP® PRO connectors
Allows for pinning and poliarity 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

General Specifications	
Flame Rating	LSZH/FRNC
Fiber Category	50 µm MM (OM3)
Cable Type	Interconnect

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

Environmental Conditions	
Temperature Range, Operation	-10 °C to 60 °C (14 °F to 140 °F)

Design	
Fiber Count	12
Outer Jacket Material	LSZH/FRNC
Polarity	TIA-568 Type-B
Fiber Type	Multimode

Mechanical Specifications	
Minimum Bend Radius	17 mm
Tensile Strength	200 N
Crush Resistance	750 N/10 cm

Optical Characteristics	
Fiber Code	T
Performance Option Code	88
Fiber Category	OM3

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Optical Characteristics	
Fiber Type	Multimode
Fiber Name	50 µm MM (OM3)
Maximum Attenuation	2.8 dB/km / 1.0 dB/km
Wavelengths	850 nm / 1300 nm
Fiber Compliance	IEC 60793-2-10
Fiber Core Diameter	50 µm
Cladding diameter	125 µm
Coating diameter	242 µm
Serial 1 Gigabit Ethernet	750 m / 600 m
Serial 10 Gigabit Ethernet	300 m / -
Minimum Effective Modal Bandwidth (EMB)	2000 MHz*km / -
Min. Overfilled Launch (OFL) Bandwidth	1500 MHz*km / 500 MHz*km

Specifications - Connector A	
Polish	PC
Insertion Loss, Max.	0.35 dB
Note:	*IL in preconnectorized products is measured in the factory through two mated pairs.
Connector Type	MTP® (pinned)
Ferrule Material	Composite
Housing Material	Composite
Boot Type	Simplex

Specifications - Connector B	
Polish	PC
Note:	*IL in preconnectorized products is measured in the factory through two mated pairs.
Tensile Strength Jacketed Cable	10 N
Boot Color	Aqua

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Specifications - Connector B	
Connector Type	MTP® (pinned)
Ferrule Material	Composite
Housing Material	Composite
Boot Type	Simplex

Pulling Grip - Connector B	
Tensile Strength	200 N

Dimensions	
Length	3 m
Outer Diameter	2 mm
Weight	2 kg

Ordering Information	
Product Number	J939312TEZ-NB003M
Packaging Method	Cardboard box
Shipping Height	180 mm
Shipping Width	250 mm
Shipping Depth	380 mm
Units per Delivery	1/1

RoHS COMPLIANT

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