

12-Fiber MTP® PRO Jumper SMF-28® Ultra Single-mode (OS2), MTP (non-pinned) to MTP (pinned), TIA-568 Type-B polarity, no pulling grip, LSZH, 2 m

CORNING

Part Number:
J908912GEZ-NB002M

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.

Features and Benefits

Slim round 2-fiber interconnect cable

Improves airflow and reduces congestion

MTP® PRO connectors

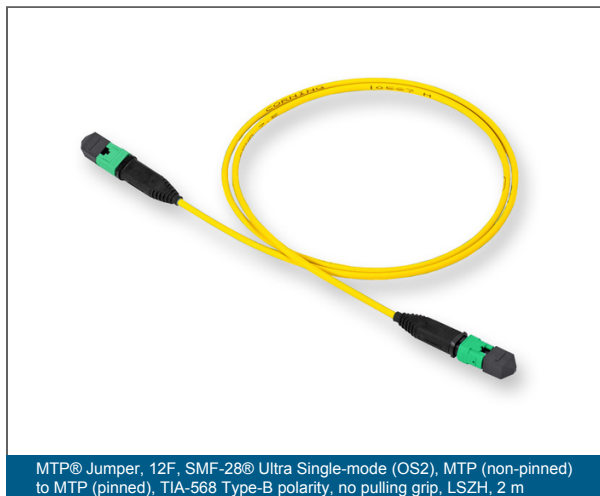
Allows for pinning and polarity changes in the field

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

General Specifications

Flame Rating	LSZH/FRNC
Fiber Category	SMF-28® Ultra
Cable Type	Interconnect

Standards

RoHS	Free of hazardous substances according to RoHS 2011/65/EU
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Environmental Conditions

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

Fiber Count	12
Outer Jacket Material	LSZH/FRNC
Fiber Type	SMF-28® Ultra

Mechanical Specifications

Minimum Bend Radius	35 mm
Tensile Strength	200 N
Crush Resistance	750 N/10 cm

Specifications - Connector A

Reflectance, Typical	< -20 dB
Polish	APC
Insertion Loss, Max.	0.35 dB

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Specifications - Connector A

Note:	*IL in preconnectorized products is measured in the factory through two mated pairs.
Tensile Strength Jacketed Cable	10 N
Durability	≤ 0.2 dB change, 200 rematings, FOTP-21
Keyed (security)	No
Boot Color	Black
Connector Type	MTP® (pinned)
Ferrule Material	Composite
Housing Color	Black / Green
Housing Material	Composite
Boot Type	Simplex

Specifications - Connector B

Reflectance, Typical	< -20 dB
Polish	APC
Insertion Loss, Max.	0.35 dB
Note:	*IL in preconnectorized products is measured in the factory through two mated pairs.
Tensile Strength Jacketed Cable	10 N
Durability	≤ 0.2 dB change, 200 rematings, FOTP-21
Keyed (security)	No
Boot Color	Black
Connector Type	MTP® (non-pinned)
Ferrule Material	Composite
Housing Color	Black / Green
Housing Material	Composite
Boot Type	Simplex
Reflectance	≤ -20 dB

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Pulling Grip - Connector B

Tensile Strength	200 N
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Dimensions

Length	2 m
Outer Diameter	2 mm
Weight	2 kg

Ordering Information

Product Number	J908912GEZ-NB002M
Packaging Method	Cardboard box
Shipping Height	180 mm
Shipping Width	250 mm
Shipping Depth	380 mm
Units per Delivery	1/1



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