

12-fibre MTP® Jumper

50 µm multimode (OM4), MTP (pinned) to MTP (pinned), TIA-568 Type-B polarity, no pulling grip, LSZH, 3 m

CORNING

EDGE™ 40G multimode patch cables allow for the seamless migration to higher data rates in the data centre when used in conjunction with our universal trunks. This patch cable is based around pinned or non-pinned 12-fibre MTP connectors.

Features and Benefits

Factory-terminated solutions

Provide consistent quality, ensure system performance, and reduce installation time

Low insertion loss performance

Allows for more connections in a link when deploying a TIA-942-compliant system



Specifications

General Specifications

Application	Data Centre LAN/SAN
Flame rating	LSZH™/FRNC
Cable type	Interconnect
Fibre Category	50 µm MM (OM4)

Temperature Range

Operation	-10 °C to 60 °C (14 °F to 140 °F)
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Design - Connector A

Connector Type	MTP® (pinned)
Ferrule Material	Composite
Polish	PC
Housing material	Composite
Housing Colour	black
Boot type	Individual
Boot colour	Turquoise
Keyed (security)	No

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Mechanical Specifications - Connector A

Durability	≤ 0.2 dB 200 rematings, FOTP-21
Tensile strength jacketed cable	10 N

Optical Specifications - Connector A

Insertion loss, typical	0.20 dB
Insertion loss, max.	0.35 dB
Reflectance	≤ -20 dB

Design - Connector B

Connector Type	MTP® (pinned)
Ferrule Material	Composite
Polish	PC
Housing material	Composite
Housing Colour	black
Boot type	Individual
Boot colour	Turquoise
Keyed (security)	No

Mechanical Specifications - Connector B

Durability	≤ 0.2 dB 200 rematings, FOTP-21
Tensile strength jacketed cable	10 N

Optical Specifications - Connector B

Insertion loss, typical	0.20 dB
Insertion loss, max.	0.35 dB
Reflectance	≤ -20 dB

Cable design

Fibre Count	12
Outer diameter	2.0 mm
Outer jacket colour	Turquoise

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Cable design

Outer jacket material	LSZH™/FRNC
Minimum Bend Radius	17 mm
Crush resistance (reversible)	750 N/10 cm
Tensile strength	200 N

Chemical Characteristics

RoHS	Free of hazardous substances according to RoHS 2002/95/EG
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Fibre Specifications

Optical Characteristics (cabled)

Fibre name	G50/125 ULTRA-BEND 7.5
Fibre core diameter	50 µm
Fibre Category	OM4
Fibre code	T
Wavelengths	850 nm / 1300 nm
Maximum attenuation	2.8 dB/km / 1.0 dB/km
Typical attenuation	2.4 dB/km / 0.8 dB/km
Serial 1 gigabit ethernet	1100 m / 600 m
Serial 10 gigabit ethernet	550 m / -
Min. overfilled launch (OFL) bandwidth	3500 MHz*km / 500 MHz*km
Minimum effective modal bandwidth (EMB)	4700 MHz*km / -
Induced attenuation @ 7.5 mm radius	< 0.2 dB / -

- Notes:
- 1) Meets 0.75 ns optical skew when used in all Corning Plug and Play™/EDGE™ systems solutions.
 - 2) 50 µm multimode fibre macrobend loss ≤ 0.2 dB at 850 nm for two turns around 7.5 mm radius mandrel
 - 3) Improved attenuation and bandwidth options available
 - 4) Bend-insensitive single-mode fibres available on request.
 - 5) Contact a Corning Customer Care Representative for additional information

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Ordering Information

Part Number	J939312QEZ-NB003M
Product Description	12-fibre MTP® Jumper, 50 µm multimode (OM4), MTP (pinned) to MTP (pinned), TIA-568 Type-B polarity, no pulling grip, LSZH, 3 m
EAN Code	4042673547655
Length	1 m
Weight	0.0206 kg

Shipping Information

Packing type	Cardboard box
Packing dimensions (L x W x H)	380 mm x 250 mm x 180 mm
Units Per Delivery	1/1



Corning Optical Communications GmbH & Co. KG · Leipziger Strasse 121 · 10117 Berlin, GERMANY
00 800 2676 4641 · FAX: +49 30 5303 2335 · www.corning.com/opcomm/emea

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