

# 12-fibre MTP® Jumper

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

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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® (non-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, max.	0.25 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, max.	0.25 dB
Reflectance	≤ -20 dB

## Cable design

Fibre count	12
Outer diameter	2.0 mm
Outer jacket colour	turquoise
Outer jacket material	LSZH™/FRNC
Minimum Bend Radius	17 mm

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## Cable design

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

## Ordering Information

Part Number	J759312QEZ-NB003M
Product Description	12-fibre MTP® Jumper, 50 µm multimode (OM4), MTP (non-pinned) to MTP (pinned), TIA-568 Type-B polarity, no pulling grip, LSZH, 3 m
EAN Code	4042673541738
Length	1 m
Weight	0.0206 kg

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## 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



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