12-Fiber MTP® PRO Jumper 12F, 50 µm multimode (OM4), 10 ft

Part Number:
J759312QE8-NA010F

The 12-fiber MTP® jumpers allow for the seamless migration to higher data rates for multimode systems in the data center when used in conjunction with our universal trunks. This jumper is based around pinned or non-pinned 12-fiber MTP connectors.

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 fibre

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

EDGE™ MTP® PRO Jumper, 12F, 50 µm multimode (OM4), MTP PRO (non-pinned) to MTP PRO (pinned), Plenum, TIA-568-Type-A, 10 ft

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Specifications

General Specifications	
Flame Rating	NFPA 262 (for plenum, riser and general building applications)
Fiber Category	50 µm MM (OM4)
Cable Assembly Type	EDGE™ Jumper
Environment	Indoor
Application	Data Center LAN/SAN
Cable Type	Interconnect
Assembly Insertion Loss	≤ 0.5 dB
Connector Assembly Type	MTP to MTP

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

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Environmental Conditions	
Temperature Range, Installation	0 °C to 50 °C (32 °F to 122 °F)
Temperature Range, Operation	-10 °C to 60 °C (14 °F to 140 °F)

Design	
Fiber Count	12

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Design	
Polarity	TIA-568 Type-A
Fiber Type	Multimode

Mechanical Specifications	
Nominal Outer Diameter	2 mm (0.08 in)
Max. Tensile Strength for Installation	220 N (49.46 lbf)
Min. Bend Radius Installation	30 mm (1.18 in)
Min. Bend Radius Operation	10 mm (0.39 in)
Weight	3.5 kg/km (2.35 lb/1000 ft)

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

Specifications - Connector A	
Polish	PC

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

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

Dimensions	
Length	10 ft
Cable Weight	3.5 kg/km (2.35 lb/1000 ft)

Ordering Information	
Product Number	J759312QE8-NA010F
EAN Code	4056418760070
Units per Delivery	1/1

Furcation - Connector A	
Leg Length	0 mm (0 in)

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Furcation - Connector B	
Leg Length	0 mm (0 in)

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