

Product: FM44MBD030M

FMT OM4 MPO8(M-M) B 96F 30M OFNP MD_2.0 0.5xINLINE EV

Product Description

FX MPO TRUNK, OM4, MPO-12 BASE 8(MALE TO MALE), TYPE-B, xxx M (LENGTH IN METERS)PO (96 FIBERS), 30 M, OFNP, MINI-DISTRIBUTION (2.0MM SUB-UNITS), FAN-OUT: 0.5M x IN-LINE, ERIKA VIOLET JACKET

Technical Specifications

Product Overview

Suitable Applications:	Data Center, LAN, Equipment Room, Telecommunication room, Workstation Area

Fiber Specifications

Fiber Type:	OM4
Fiber Core Diameter:	50/125 µm
Fiber Count:	96
Fiber Color Code:	TIA-598-D

Physical Specifications

Connectors

Description	Type	Housing Material	Housing Color	Boot Material	Boot Color
Connector A (Inside End)	MPO-12 (Base 8) Male	Plastic	Erika Violet	Rubber	Black
Connector B (Outside End)	MPO-12 (Base 8) Male	Plastic	Erika Violet	Rubber	Black

Fan-out (Legs)

Description	Transition	Length (m)	Diameter	Geometry
Connector A (Inside End)	LPM	0.5 m	2.0 mm	In-Line
Connector B (Outside End)	LPM	0.5 m	2.0 mm	In-Line

Assembly Cable

Cable Nominal OD	Jacket Color
9.9 mm	Erika Violet

Measurement

Overall Assembly Length	Packaging
30 m (98.5 ft)	Individually packaged in a plastic spool

Overall Length Tolerances

Range	Tolerance
0 to 2 meters	+0.2 / -0 meter
2.1 to 4.9 meters	+0.3 / -0 meter
5 to 40 meters	+0.4 / -0 meter
over 40 meters	+1.0% / -0%

Armor Specifications

Armor Type and Material:	No Armor

Optical Characteristics

Polarity Identification:	Type-B

Fiber Connector Performance

Description	Connector Type	Max. Insertion Loss	Min. Return Loss
Connector A (Inside End)	MPO-12 (Base 8) Male	0.20 dB	30 dB
Connector B (Outside End)	MPO-12 (Base 8) Male	0.20 dB	30 dB

Mechanical Characteristics

Pulling Eye Type:	FX Pulling Eye
Pulling Eye Location:	Outside End
Pulling Eye Tension:	100 lbs
Minimum Bend Radius During Installation:	15x Cable OD
Minimum Bend Radius During Operation:	10x Cable OD

Temperature Range

Operating Temperature Range:	-10C to +60C
Storage Temperature Range:	-10C to +60C

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	OFNP
UL Rating:	Plenum
TIA/EIA Compliance:	TIA/EIA 568.3
European Directive Compliance:	EU Directive 2011/65/EU (RoHS 2)
MII Order #39 (China RoHS):	EUP 50
Other Standard Compliance(s):	ACMA

Product Notes

Related Parts:	DCX system, FX UHD Patch Panels, ECX Patch Panels, FX Patch cords, FX MPO Trunks, FX Multi-fiber Trunks

History

Update and Revision:	Revision Number: 0.16 Revision Date: 02-12-2025

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