

Product: FP44F4F002M

FXPC OM4 MPO8_F MPO8_F 2M OFNP RD_2.0 TYPE-B EV_JKT

Product Description

FX PATCH CORD, OM4, MPO-12 BASE 8 (F) - MPO-12 BASE 8 (F), 2 M, OFNP, ROUND 2.0 MM, TYPE-B, 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:	8
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) Female	Plastic	Erika Violet	Rubber	Black
Connector B (Outside End)	MPO-12 (Base 8) Female	Plastic	Erika Violet	Rubber	Black

Assembly Cable

Cable Nominal OD	Jacket Color
2.0 mm	Erika Violet

Measurement

Overall Assembly Length	Packaging
2 m (6.6 ft)	Individually packaged in a plastic bag

Overall Length Tolerances

Range	Tolerance
0 to 2 meters	+0.2 / -0 meter
2.1 to 5 meters	+0.3 / -0 meter
5.1 to 20 meters	+0.4 / -0 meter
over 20 meters	+1.3 / -0 meter

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) Female	0.20 dB	30 dB
Connector B (Outside End)	MPO-12 (Base 8) Female	0.20 dB	30 dB

Mechanical Characteristics

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: 0.42 Revision Date: 02-12-2025

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