



**Product:** [FP4LDMF002M](#)



FXPC OM4 6\_LC\_DX MPO12\_F 2M OFNP RD\_3.0 TYPE-A EV\_JKT

## Product Description

FX PATCH CORD, OM4, 6 x LC DUPLEX - MPO-12 (F), 2 M, OFNP, ROUND 3.0 MM, TYPE-A, ERIKA VIOLET JACKET

## Technical Specifications

### Product Overview

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

Fiber Type:	OM4
Fiber Core Diameter:	50/125 µm
Fiber Count:	12
Fiber Color Coding:	TIA-598-D

### Physical Specifications

#### Connectors

Description	Type	Housing Material	Housing Color	Ferrule	Boot Material	Boot Color
Connector A (Inside End)	LC Duplex	Plastic	Erika Violet	Zirconia Ceramic	Rubber	Erika Violet
Connector B (Outside End)	MPO-12 Female	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

#### Assembly Cable

Cable Nominal OD	Jacket Color
3.0 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 40 meters	+0.4 / -0 meter
over 19.9 meters	+1.3 / -0 meter

### Armor Specifications

Armor Type and Material:	No Armor
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### Optical Characteristics

Polarity Identification:	Type-A
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## Fiber Connector Performance

Description	Connector Type	Max. Insertion Loss	Min. Return Loss
Connector A (Inside End)	LC Duplex	0.15 dB	30 dB
Connector B (Outside End)	MPO-12 Female	0.20 dB	30 dB

## Mechanical Characteristics

Min. Bend Radius During Installation:	15x Cable OD
Min. 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
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## History

Update and Revision:	Revision Number: 0.37 Revision Date: 07-20-2023
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