

Product: FP4LD4F003M ☑



FXPC OM4 4\_LC\_DX MPO8\_F 3M OFNP RD\_3.0 SR4 EV\_JKT

# **Product Description**

FX PATCH CORD, OM4, 4 x LC DUPLEX - MPO-12 BASE 8 (F), 3 M, OFNP, ROUND 3.0 MM, SR4, 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 Coding:	TIA-598-D

# **Physical Specifications**

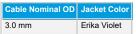
#### Connectors

Description	Туре	Housing Material	Housing Color	Ferrule	<b>Boot Material</b>	<b>Boot Color</b>
Connector A (Inside End)	LC Duplex	Plastic	Erika Violet	Zirconia Ceramic	Rubber	Erika Violet
Connector B (Outside End)	MPO-12 (Base 8) 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



## Measurement

Overall Assembly Length	Packaging
3 m (10 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

## **Optical Characteristics**

Polarity Identification: SR4	
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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 (Base 8) 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

## **History**

Update and Revision:	Revision Number: 0.168 Revision Date: 07-20-2023	

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