BELDEN

Product: FPS4F4FxxxM

FXPC OS2 MPO8_F MPO8_F xxxM OFNP RD_2.0 TYPE-B YL_JKT

Product Description

FX PATCH CORD, OS2, MPO-12 BASE 8 (F) - MPO-12 BASE 8 (F), xxx M (LENGTH IN METERS), OFNP, ROUND 2.0 MM, TYPE-B, YELLOW JACKET

Technical Specifications

Product Overview

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

Fiber Specifications

Fiber Type:	OS2
Fiber Core Diameter:	8.2/125 µm
Fiber Count:	8
Fiber Color Coding:	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	Green	Rubber	Black
Connector B (Outside End)	MPO-12 (Base 8) Female	Plastic	Green	Rubber	Black

Assembly Cable

Cable Nominal OD	Jacket Color
2.0 mm	Yellow

Measurement

Overall Assembly Length
xxx meters

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) Female	0.35 dB	60 dB
Connector B (Outside End)	MPO-12 (Base 8) Female	0.35 dB	60 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: 0.15 Revision Date: 07-21-2023

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