Product: FPS4F4F003M

FXPC OS2 MPO8_F MPO8_F 3M OFNP RD_2.0 TYPE-B YL_JKT

Product Description

FX PATCH CORD, OS2, MPO-12 BASE 8 (F) - MPO-12 BASE 8 (F), 3 M, 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:	9/125 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	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	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 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

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: 0.45 Revision Date: 08-26-2025

© 2025 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.