Product: FPSLDSD005M

FXPC OS2 LC_DX SC_DX 5M OFNR DX_2.0 A-B YL_JKT

Product Description

FX PATCH CORD, OS2, LC DUPLEX - SC DUPLEX, 5 M, OFNR, DUPLEX ZIP 2.0 MM, A-TO-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:	2
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	Blue	Zirconia Ceramic	Rubber	Blue
Connector B (Outside End)	SC Duplex	Plastic	Blue	Zirconia Ceramic	Rubber	Blue

Assembly Cable

Cable Nominal OD	Jacket Color
2.0 mm x 4.0 mm	Yellow

Measurement

Overall Assembly Length	Packaging
5 m (16.4 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:	A-to-B / B-to-A

Fiber Connector Performance

Description	Connector Type	Max. Insertion Loss	Min. Return Loss
Connector A (Inside End)	LC Duplex	0.25 dB	55 dB
Connector B (Outside End)	SC Duplex	0.25 dB	55 dB

Mechanical Characteristics

Min. Bend Radius During Installation:	15x Cable OD
Min. Bend Radius During Operation:	10x Cable OD

Temperature Range

Operating Temperature Range:	-40C to +75C
Storage Temperature Range:	-40C to +75C

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	OFNR
UL Rating:	Riser
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: 0.29 Revision Date: 07-31-2025

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