Product: FPSLCLC002MR9SY

FXPC OS2 LC_SX LC_SX 2M OFNR SX_1.6 A-A YL_JKT

Product Description

FX PATCH CORD, OS2, LC SIMPLEX - LC SIMPLEX, 2 M, OFNR, SIMPLEX 1.6 MM, A-TO-A, 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:	1
Fiber Color Code:	TIA-598-D

Physical Specifications

Connectors

Description	Type	Housing Material	Housing Color	Ferrule	Boot Material	Boot Color
Connector A (Inside End)	LC Simplex	Plastic	Blue	Zirconia Ceramic	Rubber	Blue
Connector B (Outside End)	LC Simplex	Plastic	Blue	Zirconia Ceramic	Rubber	Blue

Assembly Cable

Cable Nominal OD	Jacket Color
1.6 mm	Yellow

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 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-A / B-to-B

Fiber Connector Performance

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

Mechanical Characteristics

Minimum Bend Radius During Installation:	15x Cable OD
Minimum 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: 0.124 Revision Date: 07-31-2025

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