



Product: [FI1I001LB](#) 

Indoor LSZH/Riser OM1 Interconnect 1F SX SX Cord 2.0mm

Product Description

FX Indoor OM1 Interconnect 1 Fiber LSZH/OFNR SX SX Cord 2.0MM (900UM) Orange Jacket

Technical Specifications

Part Number:	FI1I001LB
Construction Type:	Interconnect

Product Overview

Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM1	1

Buffer Specification

Buffer Material	Buffer Diameter
LSZH	900 μm

Bulk Cable Weight:	4 lbs/1000ft
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Outer Jacket

Outer Jacket Material

Material	Nominal Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.078 in (2 mm)

Color:	Orange
Nominal Diameter:	0.078 in

Optical Characteristics

Effective Modal Bandwidth (EMB):	220 MHz-km / 500 MHz-km
Fiber Core Diameter:	62.5/125μm
Max Attenuation at 1300 nm:	1.25 dB/km
Max Attenuation at 850 nm:	3.5 dB/km
Wavelength:	850 nm / 1300 nm
10 Gigabit Ethernet Performance:	33 m / 300 m
1 Gigabit Ethernet Performance:	275 m / 550 m
Min Overfilled Launch (OFL) Bandwidth:	200 MHz-km / 500 MHz-km

Mechanical Characteristics

Mechanical Tests

Description	Requirement/Value
Cable Min. Bend Radius Installation (Short Term)	20x Cable OD

Cable Min. Bend Radius Operation (Long Term)	10x Cable OD
Cable Max. Tensile Strength Installation (Short Term)	11 N (50 lbf)
Cable Max. Tensile Strength Operation (Long Term)	3 N (15 lbf)

Temperature Range

Operating Temp Range:	0C to +70C
Installation Temp Range:	-10C to +60C
Storage Temp Range:	-40C to +70C

Standards

UL Rating/Flame Test:	LSZH/Riser
CEC/C(UL) Compliance:	FT4
NEC/(UL) Compliance:	OFNR
TIA/EIA Compliance:	ANSI/ICEA S-83-596
RoHS:	Yes

History

Update and Revision:	Revision Number: 0.46 Revision Date: 01-31-2020
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