



Product: [FISI001LC](#)

Indoor LSZH/Riser OS2 Interconnect 1F SX SX Cord 3.0mm

Product Description

FX Indoor OS2 Interconnect 1 Fiber LSZH/OFNR SX SX Cord 3.0MM (900UM) Yellow Jacket

Technical Specifications

Part Number:	FISI001LC
Construction Type:	Interconnect

Product Overview

Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OS2	1

Buffer Specification

Buffer Material	Buffer Diameter
LSZH	900 μm

Bulk Cable Weight:	5.5 lbs/1000ft
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Outer Jacket

Outer Jacket Material

Material	Nominal Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.11 in (2.8 mm)

Color:	Yellow
Nominal Diameter:	0.118 in

Optical Characteristics

Mode Field Diameter:	9.2
Fiber Core Diameter:	8.2/125μm
Max Attenuation at 1310 nm:	0.5 dB/km
Max Attenuation at 1550 nm:	0.5 dB/km
Wavelength:	1310 nm / 1550 nm
10 Gigabit Ethernet Performance:	10,000 m / 40,000 m
1 Gigabit Ethernet Performance:	5,000 m / -

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

Variants

Item #	Color	UPC
FISI001LC	Yellow	612825286776

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