Product: FISI002LCR

Indoor LSZH/Riser OS2 Interconnect 2F DX DX CORD 3.0mm Red

Product Description

Indoor OS2 Interconnect 2 Fibers LSZH/OFNR DX DX CORD 3.0mm (900µm) Red Jacket

Technical Specifications

Part Number:	FISI002LCR
Construction Type:	Interconnect

Product Overview

Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OS2	2

Fiber Color Coding:	Blue, White

Buffer Specification

Buffer Material	Buffer Diameter
LSZH	900 µm

Bulk Cable Weight:	5.5 lbs/1000ft

Outer Jacket

Outer Jacket Material

Material	Nominal Diameter
LSZH - Low Smoke Zero Halogen (Flame Retardant)	0.11 x 0.23 in (2.8 x 5.8 mm)

Color:	Red
Nominal Diameter:	0.078 in x 0.156 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

Update and Revision:	Revision Number: 0.49 Revision Date: 01-31-2020

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