



**Product:** [FI2I002LC](#)

Indoor LSZH/Riser OM2 Interconnect 2F DX DX Cord 3.0mm

### Product Description

FX Indoor OM2 Interconnect 2 Fibers LSZH/OFNR DX DX Cord 3.0MM (900UM) Orange Jacket

### Technical Specifications

#### Product Overview

Construction Type:	Interconnect
Environmental Space:	Indoor
Suitable Applications:	Indoor

#### Construction

##### Fiber Cable Construction

Fiber Type	Fiber Count
OM2	2

Fiber Color Coding:	Blue, White
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##### 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 x 0.23 in (2.8 x 5.8 mm)
Color:	Orange
Nominal Diameter:	0.118 in x 0.236 in

#### Optical Characteristics

Effective Modal Bandwidth (EMB):	950 MHz-km / 500 MHz-km
Fiber Core Diameter:	50/125µm
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:	150 m / 300 m
1 Gigabit Ethernet Performance:	550 m / 550 m
Min Overfilled Launch (OFL) Bandwidth:	700 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

## Part Number

### Variants

Item #	Color	UPC
F121002LC	Orange	612825287643

## History

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