



**Part Number:** FI1I002L0

Indoor LSZH/Riser OM1 Interconnect 2F DX DX MiniRound 2mm

**Product Description**

FX Indoor OM1 Interconnect 2 Fibers LSZH/OFNR DX DX Mini-Round 2.0MM (250UM) Orange Jacket

**Technical Specifications**

Part Number:	FI1I002L0
Construction Type:	Interconnect

**Product Overview**

Environmental Space:	Indoor
Suitable Applications:	Indoor

**Construction**

**Fiber Cable Construction**

Fiber Type	Fiber Count
OM1	2

Fiber Type:	OM1
Fiber Count:	2
Fiber Color Coding:	Blue, White

**Buffer Specification**

Buffer Material
LSZH

Bulk Cable Weight:	2 lbs/1000ft
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**Physical Specifications**

Fiber Buffer Material:	LSZH
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**Jacket Specifications**

**Outer Jacket Material**

Material	Nominal Diameter
LSZH	0.079 in (2 mm)

Outer Jacket Color:	Orange
OuterJacket1, Nominal Diameter:	0.079 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

Min Bend Radius During Installation:	20x Cable OD
Min Bend Radius During Operation:	10x Cable OD
Max Tensile Strength During Installation:	11 N (50 lbf)
Max Tensile Strength During Operation:	3 N (15 lbf)

### Mechanical Tests

Description	Tested Standard	Requirement/Value	According to Family Specification
Cable Min. Bend Radius Operation (Long Term)		20x Cable OD	
Cable Min. Bend Radius Installation (Short Term)		10x Cable OD	
Cable Max. Tensile Strength Operation (Long Term)		11 N (50 lbf)	
Cable Max. Tensile Strength Installation (Short 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) Specification:	FT4
NEC/(UL) Specification:	OFNR
Telecommunications Standards:	ANSI/ICEA S-83-596
RoHS:	Yes

## History

### Variants

Item #	Color
F111002L0	Orange

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