



**Product:** [FI2I002RC](#)

Indoor Riser OM2 Interconnect 2F DX DX Cord 3.0mm Orange

**Product Description**

FX Indoor OM2 Interconnect 2 Fibers 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, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua
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**Buffer Specification**

Buffer Material	Buffer Diameter
PVC	900 µm

Bulk Cable Weight:	10 lbs/1000ft
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**Outer Jacket**

**Outer Jacket Material**

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.11 x 0.23 in (2.8 x 5.6 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:	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
F121002RC	Orange	612825287681

## History

Update and Revision:	Revision Number: 0.47 Revision Date: 01-31-2020
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