



Part Number: FI1I002PC

Indoor Plenum OM1 Interconnect 2F DX DX Cord 3.0mm Orange

Product Description

FX Indoor OM1 Interconnect 2 Fibers OFNP DX DX Cord 3.0MM (900UM) Orange Jacket

Technical Specifications

Product Overview

Part Number:	FI1I002PC
Construction Type:	Interconnect
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	Buffer Diameter
PVC	900 µm

Bulk Cable Weight:	13 lbs/1000ft
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Jacket Specifications

Outer Jacket Material

Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.11 x 0.23 in (2.8 x 5.8 mm)

Outer Jacket Color:	Orange
OuterJacket1, Nominal Diameter:	0.118 in x 0.236 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
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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)

Temperature Range

Operating Temp Range:	0C to +70C
Installation Temp Range:	0C to +60C
Storage Temp Range:	-40C to +70C

Standards

UL Rating/Flame Test:	Plenum
CEC/C(UL) Specification:	FT6
NEC/(UL) Specification:	OFNP
Telecommunications Standards:	ANSI/ICEA S-83-596
RoHS:	Yes

History

Variants

Item #	Color	UPC
F11I002PC	Orange	612825287315

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