



Product: [FI2I012P0](#)

Indoor Plenum OM2 Interconnect 12F MiniRound 2.0mm (250µm)

Product Description

FX Indoor OM2 Interconnect 12 Fibers OFNP Mini-Round 2.0MM (250UM) Orange Jacket

Technical Specifications

Part Number:	FI2I012P0
Construction Type:	Interconnect

Product Overview

Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction	
Fiber Type	Fiber Count
OM2	12
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua

Buffer Specification

Buffer Material	
PVC	
Bulk Cable Weight:	2.3 lbs/1000ft

Outer Jacket

Outer Jacket Material	
Material	Nominal Diameter
PVC - Polyvinyl Chloride	0.079 in (2 mm)
Color:	Orange
Nominal Diameter:	0.079 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:	0C to +60C
Storage Temp Range:	-40C to +70C

Standards

UL Rating/Flame Test:	Plenum
CEC/C(UL) Compliance:	FT6
NEC/(UL) Compliance:	OFNP
TIA/EIA Compliance:	ANSI/ICEA S-83-596
RoHS:	Yes

History

Variants

Item #	Color
FI2I012P0	Orange

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