



Product: [FI1B002PD](#)

Indoor Plenum OM1 Breakout 2F Sub-Units (2.5mm) Orange

Product Description

FX Indoor OM1 Breakout 2 Fibers OFNP Sub-Units (2.5MM) Orange Jacket

Technical Specifications

Part Number:	FI1B002PD
Construction Type:	Breakout

Product Overview

Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM1	2

Fiber Color Coding:	Blue, Orange
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Buffer Specification

Buffer Diameter
900 μm

SubUnit Specifications

Fibers Per Subunit:	1
SubUnit Diameter:	0.098 in (2.5 mm)

Outer Jacket

Outer Jacket Material

Nominal Diameter
0.27 in (6.9 mm)

Color:	Orange
Number of Ripcords:	2

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

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)	40 N (180 lbf)
Cable Max. Tensile Strength Operation (Long Term)	20 N (90 lbf)

Temperature Range

Storage Temp Range:	-40C to +70C
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Standards

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

History

Variants

Item #	Color	UPC
F11B002PD	Orange	612825370154

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