



Product: [FI1B012PB](#)

Indoor Plenum OM1 Breakout 12 Fibers

Product Description

FX Indoor OM1 Breakout 12 Fibers OFNP Sub-Units (2.0MM) Orange Jacket

Technical Specifications

Product Overview

Construction Type:	Breakout
Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM1	12

Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua
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Buffer Specification

Buffer Diameter
900 μ m

Bulk Cable Weight:	94 lbs/1000ft
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SubUnit Specifications

Fibers Per Subunit:	1
Subunit Diameter:	0.078 in (2.0 mm)

Outer Jacket

Outer Jacket Material

Nominal Diameter
0.42 in (10.7 mm)

Color:	Orange
Number of Ripcords:	2

Optical Characteristics

Effective Modal Bandwidth (EMB):	220 MHz-km / 500 MHz-km
Fiber Core Diameter:	62.5/125 μ m
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)	135 N (600 lbf)
Cable Max. Tensile Strength Operation (Long Term)	67 N (300 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

Part Number

Variants

Item #	Color	UPC
F11B012PB	Orange	612825369561

History

Update and Revision:	Revision Number: 0.52 Revision Date: 01-31-2020
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