



Part Number: FI3B012PB

Indoor Plenum OM3 Breakout 12 Fibers

Product Description

FX Indoor OM3 Breakout 12 Fibers OFNP Sub-Units (2.0MM) Aqua Jacket

Technical Specifications

Product Overview

Part Number:	FI3B012PB
Construction Type:	Breakout
Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM3	12

Fiber Type:	OM3
Fiber Count:	12
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua

Buffer Specification

Fiber Type	Buffer Diameter
OM3	900 µm

Bulk Cable Weight:	94 lbs/1000ft
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SubUnit Specifications

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

Jacket Specifications

Outer Jacket Material

Nominal Diameter
0.42 in (10.7 mm)

Outer Jacket Color:	Aqua
Number of Outer Jacket Ripcords:	2

Optical Characteristics

Effective Modal Bandwidth (EMB):	2000 MHz-km / 500 MHz-km
Fiber Core Diameter:	50/125µm
Max Attenuation at 1300 nm:	1.2 dB/km
Max Attenuation at 850 nm:	3.0 dB/km
Wavelength:	850 nm / 1300 nm
10 Gigabit Ethernet Performance:	300 m / 300 m
1 Gigabit Ethernet Performance:	- / 550 m

Min Overfilled Launch (OFL) Bandwidth:	1500 MHz-km / 500 MHz-km
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Mechanical Characteristics

Min Bend Radius During Installation:	20x Cable OD
Min Bend Radius During Operation:	10x Cable OD
Max Tensile Strength During Installation:	135 N (600 lbf)
Max Tensile Strength During Operation:	67 N (300 lbf)

Temperature Range

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

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

History

Variants

Item #	Color
F13B012PB	Aqua

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