



Product: [FI3B002PBR](#)

Indoor Plenum OM3 Breakout 2F 2mm Sub-Units Red

Product Description

Indoor OM3 Breakout 2 Fibers OFNP Sub-Units (2.0mm) Red Jacket

Technical Specifications

Part Number:	FI3B002PBR
Construction Type:	Breakout

Product Overview

Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM3	2

Fiber Color Coding:	Blue, Orange
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Buffer Specification

Buffer Diameter
900 μm

Bulk Cable Weight:	20 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
0.23 in (5.8 mm)

Color:	Red
Number of 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

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
FI3B002PBR	Red

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