

Product: FI2M048P1

Indoor Plenum OM2 Mini-Distribution 48F 2mm SubUnits Orange

Product Description

FX Indoor OM2 Mini-Distribution 48 Fibers OFNP Sub-Units (2.0MM) Orange Jacket

Technical Specifications

Part Number:	FI2M048P1
Construction Type:	Mini Distribution

Product Overview

Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM2	48

Central Strength Member:	GRP

SubUnit Specifications

Number of Active Subunits:	4
Number of Subunit Positions:	4
Fibers Per Subunit:	12
SubUnit Diameter:	0.078 in (2.0 mm)

Jacket Specifications

Number of Jackets:	Single Jacket

Inner Jacket

Material:	PVC - Polyvinyl Chloride

Outer Jacket

Outer Jacket Material

Material	Nominal Diameter
Thermoplastic	0.26 in (6.6 mm)

Color:	Orange
Number of Ripcords:	2
Nominal Diameter:	0.251 (6.4)

Optical Characteristics

Effective Modal Bandwidth (EMB):	950 MHz-km / 500 MHz-km
Fiber Core Diameter:	50/125
Max Attenuation at 1300 nm:	1.0 dB/km
Max Attenuation at 850 nm:	3.0 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)	15x Cable OD

Standards

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

History

Variants

Item #	Color	UPC
FI2M048P1	Orange	612825287827

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