



Product: [FI2M048L2](#)

Indoor Riser OM2 MiniDistribution 48F 3mm ZH/Orange

Product Description

Indoor Multimode OM2 MiniDistribution 48F 3.0mm ZH/OFNR Orange Jacket Fiber Cable

Technical Specifications

Part Number:	FI2M048L2
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
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SubUnit Specifications

Number of Active Subunits:	4
Number of Subunit Positions:	4
Fibers Per Subunit:	12
SubUnit Diameter:	0.118 in (3.0 mm)

Jacket Specifications

Number of Jackets:	Single Jacket
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Inner Jacket

Material:	LSZH - Low Smoke Zero Halogen (Flame Retardant)
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Outer Jacket

Outer Jacket Material

Material	Nominal Diameter
Thermoplastic	0.38 in (9.7 mm)

Color:	Orange
Number of Ripcords:	2
Nominal Diameter:	0.380 (9.7)

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:	OFNR
NEC/(UL) Compliance:	N/A
C (UL) US:	FT4
TIA/EIA Compliance:	ANSI/ICEA S-83-596
RoHS:	Yes

History

Variants

Item #	Color	UPC
FI2M048L2	Orange	612825287810

Update and Revision:	Revision Number: 0.54 Revision Date: 03-13-2019
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