



**Product:** [FI1M024A1](#)

Indoor Plenum OM1 Mini-Distribution 24F Armor 2mm SubUnits

### Product Description

FX Indoor OM1 Mini-Distribution 24 Fibers OFCP Aluminum Interlocked Armor Sub-Units (2.0MM) Orange Jacket

### Technical Specifications

#### Product Overview

Construction Type:	Mini Distribution
Environmental Space:	Indoor
Suitable Applications:	Indoor

#### Construction

##### Fiber Cable Construction

Fiber Type	Fiber Count
OM1	24

Central Strength Member:	GRP
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#### SubUnit Specifications

Number of Active Subunits:	2
Number of Subunit Positions:	4
Fibers Per Subunit:	12
Subunit Diameter:	0.078 in (2.0 mm)

#### Jacket Specifications

Number of Jackets:	Double Jacket
Type of Armor:	Interlocked Aluminum

#### Inner Jacket

Number of Ripcords:	2
Color:	Orange
Material:	PVC - Polyvinyl Chloride

#### Outer Jacket

##### Outer Jacket Material

Material	Nominal Diameter
Thermoplastic	0.63 in (16 mm)

Color:	Orange
Number of Ripcords:	2
Nominal Diameter:	0.583 (14.8)

#### Optical Characteristics

Effective Modal Bandwidth (EMB):	220 MHz-km / 500 MHz-km
Fiber Core Diameter:	62.5/125

Max Attenuation at 1300 nm:	1.0 dB/km
Max Attenuation at 850 nm:	3.25 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)	15x Cable OD

## Temperature Range

Operating Temp Range:	0C to +70C
Installation Temp Range:	0C to +60C
Storage Temp Range:	-40C to +70C

## Standards

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

## Part Number

### Variants

Item #	Color	UPC
F11M024A1	Orange	612825287391

## History

Update and Revision:	Revision Number: 0.58 Revision Date: 05-26-2020
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