



**Product:** [FI1M096P1](#)

Indoor Mini-Distribution OM1 96 Fibers OFNP Sub-units 2.0 mm (12F)

### Product Description

FX Indoor, Mini-Distribution, OM1, 36 Fibers, OFNP, Sub-units 2.0 mm (12F), Orange Jacket

### Technical Specifications

#### Product Overview

Product Category:	Fiber Mini Distribution Cable
Suitable Applications:	Data Center, RAN, Horizontal Backbone, Premise Backbone, Patching, Trunking

#### Fiber Specifications

Fiber Type:	OM1
Fiber Core Diameter:	62.5/125 $\mu$ m
Fiber Diameter:	250 $\mu$ m
Fiber Count:	96
Fiber Color Coding:	TIA-598-D

#### Cable Construction

Number of Active Subunits:	8
Fibers Per Subunit:	12
Subunit Diameter:	0.078 in (2.0 mm)
Subunit Color:	Orange
Subunit Strength Members:	Aramid yarns
Central Strength Member:	Upjacketed GRP

#### Outer Jacket Specifications

Strength Member:	Aramid Yarns
Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.403 in (10.2 mm)
Color:	Orange
Number of Ripcords:	1

#### Optical Characteristics

Wavelength	850 nm	1300 nm
Max. Attenuation	3.5 dB/km	1.25 dB/km
10 Gigabit Ethernet Performance	33m	--
Min. Overfilled Launch (OFL) Bandwidth	200 MHz.km	500 MHz.km

#### Mechanical Characteristics

Min. Bend Radius During Installation:	15x Cable OD
Min. Bend Radius During Operation:	10x Cable OD
Max. Tensile Strength During Installation:	660 N (150 lbf)
Max. Tensile Strength During Operation:	200 N (45 lbf)
Crush Resistance:	110 N/cm

Bulk Cable Weight:	86 lbs/kft (127 kg/km)
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## Temperature Range

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

## Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	NFPA 262, FT6
NEC / UL Compliance:	OFNP
CEC / C(UL) Compliance:	OFNP
ICEA Compliance:	S-83-596
TIA/EIA Compliance:	589-D
Telcordia Compliance:	GR-409
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment)

## History

Update and Revision:	Revision Number: 0.93 Revision Date: 03-12-2025
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## Part Numbers

### Variants

Item #	Color	Putup Type	UPC
F11M096P1	Orange	Reel	612825287537

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