



**Product:** [FI5M012A0](#)

Indoor, Plenum, OM5, Mini-Distribution, 12 Fibers, Aluminum Interlocked, Lime Green Jacket

## Product Description

FX Indoor, OM5, Mini-Distribution, 12 Fibers, OFCP, Aluminum Interlocked Armor, 4.8mm (Double Jacket), Lime Green Jacket

## Technical Specifications

### Product Overview

Product Category:	Fiber Mini Distribution Cable
Suitable Applications:	Indoor, data center, patching, inside cabinets, workstation equipment connections

### Fiber Specifications

Fiber Type:	OM5
Fiber Core Diameter:	50/125 $\mu$ m
Fiber Diameter:	250 $\mu$ m
Fiber Count:	12
Fiber Color Coding:	TIA-598-D

### Cable Construction

Subunit Diameter:	0.118 in (3.0 mm)
Subunit Color:	Lime Green
Subunit Strength Members:	Aramid Yarns

### Inner Jacket Specifications

Strength Member:	Aramid Yarns
Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.189 in (4.8 mm)
Color:	Lime Green
Number of Ripcords:	1

### Armor Specifications

Armor Type and Material:	AIA - Aluminum Interlock Armor
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### Outer Jacket Specifications

Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.480 in (12.2 mm)
Color:	Lime Green

### Optical Characteristics

Wavelength	850 nm	1300 nm
Max. Attenuation	3.0 dB/km	1.0 dB/km
10 Gigabit Ethernet Performance	550 m	1100 m
Min. Effective Modal Bandwidth (EMB)	4700 MHz.km	--
Min. Overfilled Launch (OFL) Bandwidth	3500 MHz.km	500 MHz.km

### Mechanical Characteristics

Min. Bend Radius During Installation:	20 x Cable OD
Min. Bend Radius During Operation:	10 x Cable OD
Max. Tensile Strength During Installation:	660 N (150 lbf)
Max. Tensile Strength During Operation:	200 N (45 lbf)
Crush Resistance:	440 N/cm
Bulk Cable Weight:	90.6 lbs/kft ( 134.7 kg/km)

## 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
NEC / UL Compliance:	OFCP
CEC / C(UL) Compliance:	FT6
ICEA Compliance:	S-83-596
TIA/EIA Compliance:	598-D
Telcordia Compliance:	GR-409
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment)

## History

Update and Revision:	Revision Number: 0.4 Revision Date: 01-28-2025
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