



**Product:** [FI1D012F9](#)

Indoor Riser OM1 Distribution 12Fibers Aluminum Interlocked

**Product Description**

FX Indoor OM1 Distribution Tight Buffer 12 Fibers OFCR Aluminum Interlocked Armor Non-Unitized Orange Jacket

**Technical Specifications**

**Product Overview**

Suitable Applications:	Premise Backbone
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**Fiber Specifications**

Fiber Type:	OM1
Fiber Core Diameter:	62.5/125 µm
Buffer Material:	PVC - Polyvinyl Chloride
Buffer Diameter:	900 µm
Fiber Count:	12
Fiber Color Coding:	TIA-598-D

**Inner Jacket Specifications**

Strength Member:	Aramid yarns
Material:	PVC - Polyvinyl Chloride
Nominal Diameter:	0.260 in (6.6 mm)
Color:	Orange
Number of Ripcords:	1

**Armor Specifications**

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

Material:	PVC - Polyvinyl Chloride
Nominal Diameter:	0.530 in (13.5 mm)
Color:	Orange

**Optical Characteristics**

Wavelength	850 nm	1300 nm
Max. Attenuation	3.5 dB/km	1.25 dB/km
1 Gigabit Ethernet Performance	300 m	550 m
10 Gigabit Ethernet Performance	33 m	--
Min. Restricted Mode Launch	220 MHz.km	500 MHz.km
Min. Overfilled Launch (OFL) Bandwidth	200 MHz.km	500 MHz.km

**Mechanical Characteristics**

Min Bend Radius During Installation:	20x 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:	440 N/cm
Bulk Cable Weight:	147 lbs/kft (219 kg/km)

## Temperature Range

Installation Temp Range:	-10°C to +60°C
Operating Temp Range:	-20°C to +70°C
Storage Temp Range:	-40°C to +70°C

## Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65, Product Lens™, Environmental Product Declaration (EPD) Available
Flammability / Fire Resistance:	OFCR, FT4
ICEA Compliance:	S-83-596
European Directive Compliance:	EU Directive 2015/863/EU, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE), REACH: 2020-01-16

## History

Update and Revision:	Revision Number: 0.69 Revision Date: 11-03-2020
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