



**Product:** [FI1B018RB](#)

Indoor Riser OM1 Breakout 18F 2mm Sub-Units Orange

**Product Description**

FX Indoor OM1 Breakout 18 Fibers OFNR Sub-Units (2.0MM) Orange Jacket

**Technical Specifications**

**Product Overview**

Suitable Applications:	Horizontal Backbone
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**Fiber Specifications**

Fiber Type:	OM1
Fiber Core Diameter:	62.5/125µm µm
Fiber Diameter:	250 µm
Buffer Material:	PVC - Polyvinyl Chloride
Buffer Diameter:	900 µm µm
Fiber Count:	18
Fiber Color Coding:	TIA-598-D

**Cable Construction**

Number of Active Subunits:	18
Fibers Per Subunit:	1
Subunit Diameter:	0.078 in (2.0 mm)
Subunit Strength Members:	Aramid yarns
Central Strength Member:	Upjacketed GRP
Core Wrap:	Nomex Tape

**Outer Jacket Specifications**

Strength Member:	Aramid yarns
Material:	PVC - Polyvinyl Chloride
Nominal Diameter:	0.514 in (13.1 mm)
Color:	Orange
Number of Ripcords:	2

**Optical Characteristics**

Wavelength	850 nm	1300 nm
Max. Attenuation	3.25 dB/km	1.0 dB/km
1 Gigabit Ethernet Performance	300 m	550 m
10 Gigabit Ethernet Performance	33 m	--
Min. Restricted Mode Launch	220 MHz.km	--
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:	2670 N (600 lbf)
Max Tensile Strength During Operation:	800 N (180 lbf)
Crush Resistance:	100 N/cm
Bulk Cable Weight:	35 lbs/kft (53 kg/km)

## Temperature Range

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

## Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Fire Resistance:	OFNR, FT4
ICEA Compliance:	S-83-596
TIA/EIA Compliance:	ANSI/ICEA S-83-596

## History

Update and Revision:	Revision Number: 0.56 Revision Date: 02-16-2021
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