



**Product:** [FI2B002LB](#) 

Indoor LSZH/Riser OM2 Breakout 2F LSZH 2mm Sub-Units Orange

### Product Description

FX Indoor OM2 Breakout 2 Fibers LSZH Sub-Units (2.0MM) Orange Jacket

### Technical Specifications

#### Product Overview

Construction Type:	Breakout
Environmental Space:	Indoor
Suitable Applications:	Indoor

#### Construction

##### Fiber Cable Construction

Fiber Type	Fiber Count
OM2	2

Fiber Color Coding:	TIA-598-D
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##### Buffer Specification

Buffer Diameter
900 $\mu$ m

Bulk Cable Weight:	23 lbs/1000ft
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#### SubUnit Specifications

Fibers Per Subunit:	1
Subunit Diameter:	0.078 in (2.0 mm)

#### Outer Jacket

##### Outer Jacket Material

Nominal Diameter
0.26 in (6.6 mm)

Color:	Orange
Number of Ripcords:	2

#### Optical Characteristics

Effective Modal Bandwidth (EMB):	950 MHz-km / 500 MHz-km
Fiber Core Diameter:	50/125 $\mu$ m
Max Attenuation at 1300 nm:	1.25 dB/km
Max Attenuation at 850 nm:	3.5 dB/km
Wavelength:	850 nm / 1300 nm
10 Gigabit Ethernet Performance:	150 m / 300 m
1 Gigabit Ethernet Performance:	550 m / 550 m
Min Overfilled Launch (OFL) Bandwidth:	700 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)	10x Cable OD
Cable Max. Tensile Strength Installation (Short Term)	40 N (180 lbf)
Cable Max. Tensile Strength Operation (Long Term)	20 N (90 lbf)

### Temperature Range

Storage Temp Range:	-40C to +70C
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### Standards

UL Rating/Flame Test:	LSZH/Riser
NEC/(UL) Compliance:	OFNR
TIA/EIA Compliance:	ANSI/ICEA S-83-596
RoHS:	Yes

### Part Number

#### Variants

Item #	Color	Put-Up Type	UPC
F12B002LB	Orange	Reel	612825374114

### History

Update and Revision:	Revision Number: 0.57 Revision Date: 04-06-2021
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