



Part Number: FISB004RB
Indoor Riser OS2 Breakout 4 Fibers

Product Description

FX Indoor OS2 Breakout 4 Fibers OFNR Sub-Units (2.0MM) Yellow Jacket

Technical Specifications

Part Number:	FISB004RB
Construction Type:	Breakout

Product Overview

Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OS2	4
Fiber Type:	OS2
Fiber Count:	4
Fiber Color Coding:	Blue, Orange, Green, Brown

Buffer Specification

Buffer Diameter	
900 µm	
Bulk Cable Weight:	35 lbs/1000ft

SubUnit Specifications

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

Physical Specifications

Fiber Buffer Diameter:	900 µm
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Jacket Specifications

Outer Jacket Material

Nominal Diameter	
0.32 in (8.1 mm)	
Outer Jacket Color:	Yellow
Number of Outer Jacket Ripcords:	2

Optical Characteristics

Mode Field Diameter:	9.2
Fiber Core Diameter:	8.2/125µm
Max Attenuation at 1310 nm:	0.5 dB/km
Max Attenuation at 1550 nm:	0.5 dB/km

Wavelength:	1310 nm / 1550 nm
10 Gigabit Ethernet Performance:	10,000 m / 40,000 m
1 Gigabit Ethernet Performance:	5,000 m / -

Mechanical Characteristics

Min Bend Radius During Installation:	20x Cable OD
Min Bend Radius During Operation:	10x Cable OD
Max Tensile Strength During Installation:	78 N (345 lbf)
Max Tensile Strength During Operation:	38 N (170 lbf)

Mechanical Tests

Description	Tested Standard	Requirement/Value	According to Family Specification
Cable Min. Bend Radius Operation (Long Term)		20x Cable OD	
Cable Min. Bend Radius Installation (Short Term)		10x Cable OD	
Cable Max. Tensile Strength Operation (Long Term)		78 N (345 lbf)	
Cable Max. Tensile Strength Installation (Short Term)		38 N (170 lbf)	

Temperature Range

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

UL Rating/Flame Test:	Riser
NEC/(UL) Specification:	OFNR
Telecommunications Standards:	ANSI/ICEA S-83-596
RoHS:	Yes

History

Variants

Item #	Color	UPC
FISB004RB	Yellow	612825369936

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