



**Product:** [FISB006PB](#)

Indoor Plenum OS2 Breakout 6 Fibers

## Product Description

FX Indoor OS2 Breakout 6 Fibers OFNP Sub-Units (2.0MM) Yellow Jacket

## Technical Specifications

### Product Overview

Suitable Applications:	Horizontal Backbone
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### Fiber Specifications

Fiber Type:	OS2
Fiber Core Diameter:	8.2/125µm µm
Fiber Diameter:	250 µm
Buffer Material:	PVC - Polyvinyl Chloride
Buffer Diameter:	900 µm µm
Fiber Count:	6
Fiber Color Coding:	TIA-598-D

### Cable Construction

Number of Active Subunits:	6
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
Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.309 in (7.9 mm)
Color:	Yellow
Number of Ripcords:	2

### Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	0.40 dB/km	0.30 dB/km
Mode Field Diameter	9.2 µm	10.4 µm
1 Gigabit Ethernet Performance	5,000 m	--
10 Gigabit Ethernet Performance	10,000 m	40,000 m

### Mechanical Characteristics

Min. Bend Radius During Installation:	15x Cable OD
Min. Bend Radius During Operation:	10x Cable OD
Max. Tensile Strength During Installation:	1330 N (300 lbf)

Max. Tensile Strength During Operation:	400 N (90 lbf)
Crush Resistance:	100 N/cm
Bulk Cable Weight:	15 lbs/kft (23 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
Sustainability:	CA Prop 65, Product Lens™
Flammability / Reaction to Fire:	OFNP, FT6
ICEA Compliance:	S-83-596
TIA/EIA Compliance:	ANSI/ICEA S-83-596

## History

Update and Revision:	Revision Number: 0.68 Revision Date: 02-03-2025
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## Part Numbers

### Variants

Item #	Color	Putup Type	UPC
FISB006PB	Yellow	Reel	612825369691

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