



**Product:** [FISM012P2](#)

Indoor Plenum OS2 Mini-Distribution 12F 3.0 mm Yellow

## Product Description

FX Indoor OS2 Mini-Distribution 12 Fibers OFNP 3.0 MM Yellow Jacket

## Technical Specifications

### Product Overview

Suitable Applications:	Indoor, data center, patching, inside cabinets, workstation equipment connections
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### Fiber Specifications

Fiber Type:	OS2
Fiber Core Diameter:	8.2/125 $\mu$ m
Fiber Diameter:	250 $\mu$ m
Fiber Count:	12
Fiber Color Coding:	TIA-598-D

### Outer Jacket Specifications

Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.118 in (3.0 mm)
Color:	Yellow

### Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	0.40 dB/km	0.30 dB/km

### Mechanical Characteristics

Min. Bend Radius During Installation:	20 x Cable OD
Min. Bend Radius During Operation:	10 x Cable OD
Max. Tensile Strength During Installation:	220 N (50 lbf)
Max. Tensile Strength During Operation:	75 N (17 lbf)
Crush Resistance:	35 N/cm
Bulk Cable Weight:	5.2 lbs/kft (7.81 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
NEC / UL Compliance:	OFNP
CEC / C(UL) Compliance:	FT6
ICEA Compliance:	S-83-596

Telcordia Compliance:	GR-409
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## History

Update and Revision:	Revision Number: 0.95 Revision Date: 10-15-2024
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## Part Numbers

### Variants

Item #	Color	Putup Type	UPC
FISM012P2	Yellow	Reel	611589541831

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