



**Product:** [FISI012L1](#) 

Indoor Interconnect OS2 12 Fibers LSZH/OFNR Mini-Round 3.0mm (250µm)

## Product Description

FX Indoor, Interconnect, OS2, 12 Fibers, LSZH/OFNR, Mini-Round 3.0mm (250µm), Yellow Jacket

## Technical Specifications

### Product Overview

Product Category:	Fiber Interconnect Cable
Suitable Applications:	Short-distance indoor applications such as patching, inside cabinets, workstation equipment connections

### Fiber Specifications

Fiber Type:	OS2, G.657.A1, G.652.D
Fiber Diameter:	250 µm
Fiber Count:	12
Fiber Color Coding:	TIA-598-D

### Outer Jacket Specifications

Strength Member:	Aramid Yarns
Jacket Material:	LSZH - Low Smoke Zero Halogen (Flame Retardant)
Nom. Diameter:	0.120 in (3.0 mm)
Outer Jacket Color:	Yellow

### Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	0.5 dB/km	0.5 dB/km
10 Gigabit Ethernet Performance	10,000 m	50,000 m
40 Gigabit Ethernet Performance	10,000 m	--
100 Gigabit Ethernet Performance	10,000 m	--

### Mechanical Characteristics

Minimum Bend Radius During Installation:	15x Cable OD
Minimum Bend Radius During Operation:	10x Cable OD
Max. Tensile Strength During Installation:	50 lbf (220 N)
Max. Tensile Strength During Operation:	15 lbf (67 N)
Crush Resistance:	35 N/cm
Bulk Cable Weight:	5.3 lbs/kft (7.9 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
Flammability / Reaction to Fire:	UL1666, UL 1685

NEC / UL Compliance:	OFNR-ST1
CEC / C(UL) Compliance:	FT4
ICEA Compliance:	S-83-596
TIA/EIA Compliance:	568.3, 598-D
Telcordia Compliance:	GR-409
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment)

## History

Update and Revision:	Revision Number: 0.7 Revision Date: 05-18-2026
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## Part Numbers

### Variants

Item #	Color	Putup Type
FISI012L1	Yellow	Reel

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