



Product: FISM024L2 ☑

Indoor Riser OS2 Mini-Distribution 24F LSZH Yelllow

# **Product Description**

Indoor Singlemode OS2 Mini-Distribution 24F LSZH Yelllow Jacket Fiber Cable

# **Technical Specifications**

### **Product Overview**

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Fiber Specifications	
Suitable Applications:	Data Center, RAN, Horizontal Backbone, Premise Backbone, Patching, Trunking

Fiber Type:	OS2
Fiber Core Diameter:	8.2/125 μm
Fiber Diameter:	250 µm
Fiber Count:	24
Fiber Color Coding:	TIA-598-D

## **Cable Construction**

Number of Active Subunits:	2
Fibers Per Subunit:	12
Subunit Diameter:	0.118 in (3.0 mm)
Subunit Strength Members:	Aramid yarns
Central Strength Member:	GRP

# **Outer Jacket Specifications**

Strength Member:	Aramid Yarns
Jacket Material:	LSZH - Low Smoke Zero Halogen (Flame Retardant)
Nom. Diameter:	0.270 in (7.0 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:	670 N (150 lbf)
Max. Tensile Strength During Operation:	200 N (45 lbf)
Crush Resistance:	110 N/cm
Bulk Cable Weight:	33 lbs/kft (49 kg/km)

# **Temperature Range**

Installation Temperature Range:	0C to +60C
Operating Temperature Range:	0C to +70C
Storage Temperature Range:	-40C to +70C

### **Standards and Compliance**

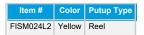
Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	OFNR, FT4
ICEA Compliance:	S-83-596
TIA/EIA Compliance:	ANSI/ICEA S-83-596

#### History

Update and Revision:	Revision Number: 0.82 Revision Date: 02-03-2025

## **Part Numbers**

#### Variants



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