

Product: FISD024RJ

Indoor Riser OS2 Distribution 24 Fibers

Product Description

FX Indoor OS2 Distribution Tight Buffer 24 Fibers OFNR Sub-Units (6F) Yellow Jacket

Technical Specifications

Product Overview

Product Category:	Fiber Distribution Cable
Suitable Applications:	Premise Backbone

Fiber Specifications

Fiber Type:	OS2
Fiber Core Diameter:	8.2/125 µm
Buffer Material:	PVC - Polyvinyl Chloride
Buffer Diameter:	900 µm
Fiber Count:	24
Fiber Color Coding:	TIA-598-D

Cable Construction

Number of Active Subunits:	4
Fibers Per Subunit:	6
Subunit Diameter:	0.180 in (4.6 mm)
Subunit Color:	Yellow
Subunit Strength Members:	Aramid yarns
Central Strength Member:	GRP
Core Wrap:	Mylar

Outer Jacket Specifications

Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.538 in (13.7 mm)
Color:	Yellow
Number of Ripcords:	1

Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	0.50 dB/km	0.50 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	50,000 m

Mechanical Characteristics

Min. Bend Radius During Installation:	15x Cable OD
Min. Bend Radius During Operation:	10x Cable OD
Max. Tensile Strength During Installation:	1320 N (300 lbf)

Max. Tensile Strength During Operation:	400 N (90 lbf)
Crush Resistance:	100 N/cm
Bulk Cable Weight:	86 lbs/kft (128 kg/km)

Temperature Range

Installation Temperature Range:	-10°C to +60°C
Operating Temperature Range:	-20°C to +70°C
Storage Temperature Range:	-40°C to +70°C

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	OFNR, FT4
ICEA Compliance:	S-83-596
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE), REACH: 2020-01-16

History

Update and Revision:	Revision Number: 0.102 Revision Date: 11-09-2022

Part Numbers

Variants

Item #	Color	Putup Type
FISD024RJ	Yellow	Reel

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