



Product: [FISD024A9](#)

Indoor Plenum OS2 Distribution 24 Fibers Aluminum Interlocked

Product Description

FX Indoor OS2 Distribution Tight Buffer 24 Fibers OFCP Aluminum Interlocked Armor Non-Unitized 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

Inner Jacket Specifications

Strength Member:	Aramid yarns
Material:	PVC - Polyvinyl Chloride
Nominal Diameter:	0.330 in (8.4 mm)
Color:	Yellow
Number of Ripcords:	1

Armor Specifications

Armor Type and Material:	AlA - Aluminum Interlock Armor
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Outer Jacket Specifications

Material:	PVC - Polyvinyl Chloride
Nominal Diameter:	0.580 in (14.7 mm)
Color:	Yellow

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:	20x 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:	440 N/cm
Bulk Cable Weight:	150 lbs/kft (223 kg/km)

Temperature Range

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

Standards and Compliance

Environmental Suitability:	Indoor
Sustainability:	CA Prop 65, Product Lens™, Environmental Product Declaration (EPD) Available
Flammability / Reaction to Fire:	OFCP, FT6
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: 0.91 Revision Date: 10-27-2021
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