



Product: [FISM024A2](#)

Indoor Plenum OS2 Mini-Distribution 24F AIA Yellow

Product Description

Indoor Singlemode OS2 Mini-Distribution 24F OFCP Aluminum Interlocked Armor Yellow Jacket Fiber Cable

Technical Specifications

Part Number:	FISM024A2
Construction Type:	Mini Distribution

Product Overview

Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OS2	24

Central Strength Member:	GRP
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SubUnit Specifications

Number of Active Subunits:	2
Number of Subunit Positions:	3
Fibers Per Subunit:	12
SubUnit Diameter:	0.118 in (3.0 mm)

Jacket Specifications

Number of Jackets:	Double Jacket
Type of Armor:	Interlocked Aluminum

Inner Jacket

Number of Ripcords:	2
Color:	Yellow
Material:	PVC - Polyvinyl Chloride

Outer Jacket

Outer Jacket Material

Material	Nominal Diameter
Thermoplastic	0.74 in (18.8 mm)

Color:	Yellow
Number of Ripcords:	2
Nominal Diameter:	0.738 (18.7)

Optical Characteristics

Mode Field Diameter:	9.2
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Fiber Core Diameter:	8.2/125µm
Max Attenuation at 1310 nm:	0.4 dB/km
Max Attenuation at 1550 nm:	0.3 dB/km
Wavelength:	1310 nm / 1550 nm
10 Gigabit Ethernet Performance:	10,000 m / 40,000 m
1 Gigabit Ethernet Performance:	5,000 m / -

Mechanical Characteristics

Mechanical Tests

Description	Requirement/Value
Cable Min. Bend Radius Installation (Short Term)	20x Cable OD
Cable Min. Bend Radius Operation (Long Term)	15x Cable OD

Temperature Range

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

Standards

UL Rating/Flame Test:	OFCP
NEC/(UL) Compliance:	N/A
C (UL) US:	FT4
TIA/EIA Compliance:	ANSI/ICEA S-83-596
RoHS:	Yes

History

Variants

Item #	Color
FISM024A2	Yellow

Update and Revision:	Revision Number: 0.56 Revision Date: 05-26-2020
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