



Product: [FISM048P1](#)

Indoor Plenum OS2 Mini-Distribution 48F 2mm SubUnits Yellow

Product Description

FX Indoor OS2 Mini-Distribution 48 Fibers OFNP Sub-Units (2.0MM) Yellow Jacket

Technical Specifications

Part Number:	FISM048P1
Construction Type:	Mini Distribution

Product Overview

Environmental Space:	Indoor
Suitable Applications:	Indoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OS2	48
Central Strength Member:	GRP
Bulk Cable Weight:	25.6 lbs/1000ft

SubUnit Specifications

Number of Active Subunits:	4
Number of Subunit Positions:	4
Fibers Per Subunit:	12
SubUnit Diameter:	0.078 in (2.0 mm)

Jacket Specifications

Number of Jackets:	Single Jacket
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Inner Jacket

Material:	PVC - Polyvinyl Chloride
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Outer Jacket

Outer Jacket Material

Material	Nominal Diameter
Thermoplastic	0.26 in (6.6 mm)
Color:	Yellow
Number of Ripcords:	2
Nominal Diameter:	0.251 (6.4)

Optical Characteristics

Mode Field Diameter:	9.2
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
Cable Max. Tensile Strength Installation (Short Term)	34 N (150 lbf)
Cable Max. Tensile Strength Operation (Long Term)	10 N (45 lbf)

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:	OFNP
NEC/(UL) Compliance:	N/A
C (UL) US:	FT6
TIA/EIA Compliance:	ANSI/ICEA S-83-596
RoHS:	Yes

History

Variants

Item #	Color	UPC
FISM048P1	Yellow	612825287094

Update and Revision:	Revision Number: 0.61 Revision Date: 03-13-2019
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