

Product: FISM012P0

Indoor Mini-Distribution OS2 12 Fibers OFNP Double Jacket 4.8 mm

Product Description

FX Indoor, Mini-Distribution, OS2, 12 Fibers, OFNP, Double Jacket 4.8 mm, Yellow Jacket

Technical Specifications

Product Overview

Product Category:	Fiber Mini Distribution Cable
Suitable Applications:	Data Center, RAN, Horizontal Backbone, Premise Backbone, Patching, Trunking

Fiber Specifications

Fiber Type:	OS2, G.657.A1, G.652.D
Fiber Core Diameter:	8.2/125 µm
Fiber Diameter:	250 µm
Fiber Count:	12
Fiber Color Coding:	TIA-598-D

Cable Construction

Number of Active Subunits:	2
Number of Fillers:	2
Fibers Per Subunit:	8
Subunit Diameter:	0.078 in (2.0 mm)
Subunit Color:	Erika Violet
Fiber SubUnit Strength Members:	Aramid yarns
Central Strength Member Type:	GRP

Inner Jacket Specifications

Material:	PVC - Polyvinyl Chloride
Nominal Diameter@InnerJacket1 (cnv):	0.118 in (3.0 mm)
Color:	Yellow

Outer Jacket Specifications

Strength Member:	Aramid Yarns
Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.1899 in (4.8 mm)
Outer Jacket Color:	Yellow
Outer Jacket Ripcord:	1

Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	0.5 dB/km	0.5 dB/km

Mechanical Characteristics

Minimum Bend Radius During Installation:	15x Cable OD

Minimum Bend Radius During Operation:	10x Cable OD
Max. Tensile Strength During Installation:	660 N (150 lbf)
Max. Tensile Strength During Operation:	200 N (45 lbf)
Crush Resistance:	110 N/cm
Bulk Cable Weight:	16 lbs/kft (23 kg/km)

Temperature Range

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

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	NFPA 262, FT6
NEC / UL Compliance:	OFNP
CEC / C(UL) Compliance:	OFNP
ICEA Compliance:	S-83-596
TIA/EIA Compliance:	598-D
Telcordia Compliance:	GR-409
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment)

History

Update and Revision:	Revision Number: 0.17 Revision Date: 06-13-2025

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