



Product: [FIBM144P8YFC](#)

Indoor Mini-Distribution OS2 A2-B2 Corning 144 Fibers OFNP Sub-units 2.0 mm (8F)

Product Description

FX Indoor, OS2 A2-B2 Corning, Mini-Distribution, 144 Fibers, OFNP, Sub-units 2.0 mm (8F), 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.A2, G.652.D
Fiber Diameter:	250 µm
Fiber Count:	144
Fiber Color Coding:	TIA-598-D

Cable Construction

Number of Active Subunits:	18
Fibers Per Subunit:	8
Subunit Diameter:	0.078 in (2.0 mm)
Subunit Color:	Yellow
Subunit Strength Members:	Aramid Yarns
Central Strength Member:	GRP

Outer Jacket Specifications

Strength Member:	Aramid Yarns
Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.491 in (12.5 mm)
Color:	Yellow
Number of Ripcords:	1

Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	0.4 dB/km	0.3 dB/km
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:	660 N (150 lbf)
Max. Tensile Strength During Operation:	220 N (45 lbf)
Crush Resistance:	100 N/cm
Bulk Cable Weight:	130 lbs/kft (193 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: 0.5 Revision Date: 08-21-2025
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Part Numbers

Variants

Item #	Color	Putup Type
FIBM144P8YFC	Yellow	Reel

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