



Product: [FISRBBBRZ](#)

Indoor OFNR OS2 Flexible Ribbin 1728 Fibers

Product Description

FX Indoor, OS2, Flexible Ribbon, 1728 Fibers, OFNR, Sub-Units (144 F), Yellow Jacket

Technical Specifications

Product Overview

Product Category:	Fiber Ribbon Cable
Suitable Applications:	Data Center, RAN, Horizontal Backbone, Premise Backbone

Fiber Specifications

Fiber Type:	OS2
Fiber Diameter:	250 µm
Fiber Count:	1728
Fiber Color Coding:	TIA-598-D

Cable Construction

Fibers Per Subunit:	144
Subunit Diameter:	0.236 in (6.0 mm)
Subunit Color:	Yellow
Subunit Strength Members:	Aramid Yarn
Central Strength Member:	GRP

Outer Jacket Specifications

Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	1.09 in (27.8 mm)
Color:	Yellow

Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	0.40 dB/km	0.30 dB/km
1 Gigabit Ethernet Performance	550 m	--
10 Gigabit Ethernet Performance	500 MHz.km	--

Mechanical Characteristics

Min. Bend Radius During Installation:	15x 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:	100 N/cm
Bulk Cable Weight:	410 lbs/kft (605 kg/km)

Temperature Range

Installation Temperature Range:	-10°C to +60°C
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Operating Temperature Range:	-20°C to +70°C
Storage Temperature Range:	-40°C to +70°C

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL 1666, UL 1685
NEC / UL Compliance:	OFNR
CEC / C(UL) Compliance:	FT4
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: 0.6 Revision Date: 01-08-2025
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