



Product: [FISR288A5](#)

Indoor OFCP OS2 Flexible Ribbon 288 Fibers 24F Subs

Product Description

Indoor, Plenum, Aluminum Interlocked Armor, OS2, Flexible Ribbon, 288 Fibers, 24F Subunit, 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 Core Diameter:	8.2/125µm µm
Fiber Count:	288
Fiber Color Coding:	TIA-598-D

Cable Construction

Number of Active Subunits:	12
Fibers Per Subunit:	24
Subunit Diameter:	0.118 in (3.0 mm)
Subunit Color:	Yellow
Subunit Strength Members:	Aramid Yarns
Central Strength Member:	Upjacketed GRP

Inner Jacket Specifications

Strength Member:	Aramid Yarns
Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.720 in (18.3 mm)
Color:	Yellow

Armor Specifications

Armor Type and Material:	AIA - Aluminum Interlock Armor
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Outer Jacket Specifications

Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	1.07 (27.2 mm)
Color:	Yellow

Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	0.50 dB/km	0.50 dB/km
1 Gigabit Ethernet Performance	5,000 m	
10 Gigabit Ethernet Performance	10,000 m	
Min. Effective Modal Bandwidth (EMB)	0.050 dB/km	

Mechanical Characteristics

Min. Bend Radius During Installation:	20x 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:	440 N/cm
Bulk Cable Weight:	420 lbs/kft (625 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
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	NFPA262
NEC / UL Compliance:	OFCP
CEC / C(UL) Compliance:	FT6
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: 0.24 Revision Date: 01-28-2025
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