



Product: [FDSR048R5](#)

Indoor/Outdoor OFNR OS2 Flexible Ribbon 48 Fibers 24F Subs

Product Description

Indoor/Outdoor Riser OS2 Flexible Ribbon 48 Fibers 24F Subunit Black Jacket

Technical Specifications

Product Overview

Construction Type:	Jacketed Ribbon
Environmental Space:	Indoor/Outdoor
Suitable Applications:	Indoor/Outdoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OS2	48
Central Strength Member:	GRP
Bulk Cable Weight:	53 lbs/1000ft

SubUnit Specifications

Number of Active Subunits:	2
Number of Subunit Positions:	4
Fibers Per Subunit:	24
Subunit Diameter:	0.118 in (3.0 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
PVC - Polyvinyl Chloride	0.38 in (9.7mm)
Color:	Black
Nominal Diameter:	0.38 in (9.7mm)

Optical Characteristics

Mode Field Diameter:	9.2
Fiber Core Diameter:	8.2/125µm
Max Attenuation at 1310 nm:	0.5 dB/km
Max Attenuation at 1550 nm:	0.5 dB/km
Wavelength:	1310 nm / 1550 nm

10 Gigabit Ethernet Performance:	10,000 m / -
1 Gigabit Ethernet Performance:	5,000 m / -

Mechanical Characteristics

Mechanical Tests

Description	Requirement/Value
Cable Min. Bend Radius Installation (Short Term)	15x Cable OD
Cable Min. Bend Radius Operation (Long Term)	10x Cable OD
Cable Max. Tensile Strength Installation (Short Term)	Error
Cable Max. Tensile Strength Operation (Long Term)	Error

Temperature Range

Operating Temp Range:	0C to +70C
Installation Temp Range:	0C to +60C
Storage Temp Range:	-20C to +70C

Standards

UL Rating/Flame Test:	OFNR
NEC/(UL) Compliance:	N/A
TIA/EIA Compliance:	EIA/TIA 568-A, GR-409-CORE, ICEA-S-104-696
RoHS:	Yes

History

Update and Revision:	Revision Number: 0.6 Revision Date: 01-31-2020
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