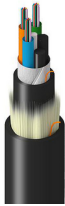




Product: [TF-SLD-036-RX5N](#)



Indoor/Outdoor Multi-Loose-Tube OS2 36 Fibers Dry Tubes 2.5mm Rodent Protected Double Jacket

Product Description

Factory Grade, Indoor/Outdoor, Multi-Loose-Tube, OS2, 36 Fibers, Dry Tubes 2.5mm, Rodent Protected, Double Jacket, Black, PVC, OFNR, Ozone-UV-Chem Resistant

Technical Specifications

Product Overview

Product Category:	Fiber Multi-Loose Tube Cable
Suitable Applications:	Extended Distance Horizontal & Backbone Data/Telco Network, Noisy Environment, Indoor/ Outdoor & Wet Locations, Rodent Proof, UV Resistant

Fiber Specifications

Fiber Type:	OS2, G.657.A1, G.652.D
Fiber Diameter:	250 µm
Fiber Count:	36
Fiber Color Coding:	TIA-598-D

Cable Construction

Number of Active Subunits:	3
Number of Fillers:	2
Fibers Per Subunit:	12
Subunit Waterblocking:	Gel Free
Subunit Diameter:	0.098 in (2.5 mm)
Subunit Color:	TIA-598-D
Central Strength Member Type:	GRP

Inner Jacket Specifications

Inner Jacket Strength Member:	Fiberglass Yarns
Material:	PVC - Polyvinyl Chloride
Nominal Diameter@InnerJacket1 (cnv):	0.346 in (8.8 mm)
Color:	Black
Number of Inner Jacket Ripcords:	1

Outer Jacket Specifications

Strength Member:	Fiberglass Yarns
Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.501 in (12.7 mm)
Outer Jacket Color:	Black
Outer Jacket Ripcord:	1

Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	0.35 dB/km	0.25 dB/km
10 Gigabit Ethernet Performance	10,000 m	50,000 m
40 Gigabit Ethernet Performance	10,000 m	--

100 Gigabit Ethernet Performance	10,000 m	--
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Mechanical Characteristics

Minimum Bend Radius During Installation:	15xCable OD
Minimum Bend Radius During Operation:	10xCable OD
Max. Tensile Strength During Installation:	2670 N (600 lbf)
Max. Tensile Strength During Operation:	800 N (180 lbf)
Crush Resistance:	220 N/cm
Bulk Cable Weight:	98 lbs/kft (146 kg/km)

Temperature Range

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

Standards and Compliance

Environmental Suitability:	Indoor/Outdoor, Sunlight Resistance
Flammability / Reaction to Fire:	UL 1666, UL 1685, FT4
NEC / UL Compliance:	OFNR
CEC / C(UL) Compliance:	OFNR
ICEA Compliance:	S-104-696
TIA/EIA Compliance:	598-D
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment)

History

Update and Revision:	Revision Number: 0.8 Revision Date: 11-04-2025
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Part Numbers

Variants

Item #	Color
TF-SLD-036-RX5N	Black

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