



REPRESENTATIVE IMAGE

Product: [TU-SLG-072-RI2](#)

Tray, In+Outdoor, MLT, OS2, 72f, Gel Tubes 2.8mm, AIA, Dbl Jkt - PVC & CPE, OFCR, Oil Res 1/2

Product Description

DataTuff Tray, Indoor/Outdoor, Multi-Loose-Tube, OS2, 72 Fibers, Gel Filled Tubes 2.8mm, Aluminum Interlock Armor, Double Jacket - PVC Inner / CPE Outer, OFCR, Oil Res 1 & 2

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

Fiber Specifications

Fiber Type:	OS2
Fiber Core Diameter:	8.2/125 μm
Fiber Diameter:	250 μm
Fiber Count:	72
Fiber Color Coding:	TIA-598-D

Cable Construction

Number of Active Subunits:	6
Fibers Per Subunit:	12
Subunit Waterblocking:	Gel Filled
Subunit Diameter:	0.110 in (2.8 mm)
Subunit Color:	TIA-598-D
Central Strength Member:	Upjacketed GRP
Core Wrap:	Waterblocking tape

Inner Jacket Specifications

Strength Member:	Waterblocking Aramid Yarns
Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.481 in (12.2 mm)
Color:	Black

Armor Specifications

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

Nom. Diameter:	0.895 in (22.7 mm)
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Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	0.40 dB/km	0.30 dB/km
Mode Field Diameter	9.2 μm	10.4 μm
1 Gigabit Ethernet Performance	5,000 m	-
10 Gigabit Ethernet Performance	10,000 m	40,000 m

Mechanical Characteristics

Min. Bend Radius During Installation:	20x Cable OD
Min. Bend Radius During Operation:	10x Cable OD
Max. Tensile Strength During Installation:	2670 N (600)
Max. Tensile Strength During Operation:	800 N (180 lbf)
Crush Resistance:	440 N/cm
Bulk Cable Weight:	272 lbs/kft (405 kg/km)

Temperature Range

Installation Temp Range:	-10°C to +60°C
Operating Temp Range:	-50°C to +70°C
Storage Temp Range:	-50°C to +70°C

Standards and Compliance

Environmental Suitability:	Sunlight Resistance, Oil Resistance, Burial
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	OFCR, FT4
ICEA Compliance:	S-104-696

History

Update and Revision:	Revision Number: 0.19 Revision Date: 04-08-2022
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