



**Product:** [TU-SLG-024-RN2](#)

Tray, In+Outdoor, MLT, OS2, 24f, Gel Tubes 2.8mm, Sgl Jkt - CPE, OFNR, Oil Res 1/2

### Product Description

DataTuff Tray, Indoor/Outdoor, Multi-Loose-Tube, OS2, 24 Fibers, Gel Filled Tubes 2.8mm, Single Jacket - CPE, OFNR, 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

#### Fiber Specifications

Fiber Type:	OS2
Fiber Core Diameter:	8.2/125 $\mu$ m
Fiber Diameter:	250 $\mu$ m
Fiber Count:	24
Fiber Color Coding:	TIA-598-D

#### Cable Construction

Number of Active Subunits:	2
Number of Fillers:	3
Fibers Per Subunit:	12
Subunit Waterblocking:	Gel Filled
Subunit Diameter:	0.110 in (2.8 mm)
Subunit Color:	TIA-598-D
Central Strength Member:	GRP
Core Wrap:	Waterblocking tape

#### Outer Jacket Specifications

Nom. Diameter:	0.454 in (11.5 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 $\mu$ m	10.4 $\mu$ m
1 Gigabit Ethernet Performance	5,000 m	-
10 Gigabit Ethernet Performance	10,000 m	40,000 m

#### Mechanical Characteristics

Min. Bend Radius During Installation:	15x 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:	220 N/cm
Bulk Cable Weight:	77 lbs/kft (115 kg/km)

## Temperature Range

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

## Standards and Compliance

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

## History

Update and Revision:	Revision Number: 0.22 Revision Date: 11-14-2022
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## Part Numbers

### Variants

Item #	Color	Putup Type
TU-SLG-024-RN2N	Black	Reel

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