



**Product:** [TU-1LG-060-R22](#)

Tray, In+Outdoor, MLT, OM1, 60f, Gel Tubes 2.8mm, Dbl Jkt - PVC & CPE, OFNR, Oil Res 1/2

### Product Description

DataTuff Tray, Indoor/Outdoor, Multi-Loose-Tube, OM1, 60 Fibers, Gel Filled Tubes 2.8mm, Double Jacket - PVC Inner / CPE Outer, 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:	OM1
Fiber Core Diameter:	62.5/125 $\mu$ m
Fiber Diameter:	250 $\mu$ m
Fiber Count:	60
Fiber Color Coding:	TIA-598-D

#### Cable Construction

Number of Active Subunits:	5
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

#### Inner Jacket Specifications

Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.379 in (9.6 mm)
Color:	Black

#### Outer Jacket Specifications

Nom. Diameter:	0.514 in (13.1 mm)
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#### Optical Characteristics

Wavelength	850 nm	1300 nm
Max. Attenuation	3.25 dB/km	1.0 dB/km
1 Gigabit Ethernet Performance	300 m	550 m
10 Gigabit Ethernet Performance	33 m	-
Min. Restricted Mode Launch	220 MHz.km	-
Min. Overfilled Launch (OFL) Bandwidth	200 MHz.km	500 MHz.km

#### 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:	130 lbs/kft (193 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

## History

Update and Revision:	Revision Number: 0.27 Revision Date: 11-14-2022
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## Part Numbers

### Variants

Item #	Color	Putup Type
TU-1LG-060-R22N	Black	Reel

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