



Product: [TU-4LF-006-R22](#)

Tray, In+Outdoor, MLT, OM4, 6f, Gel Tubes 2.8mm, Dbl Jkt, Org, OFNR, Oil Res 1/2

Product Description

Tray Grade, Indoor/Outdoor, Multi-Loose-Tube, OM4, 6 Fibers, Gel Filled Tubes 2.8mm, Double 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:	OM4
Fiber Core Diameter:	50/125 μ m
Fiber Diameter:	250 μ m
Fiber Count:	6
Fiber Color Coding:	TIA-598-D

Cable Construction

Number of Active Subunits:	1
Number of Fillers:	4
Fibers Per Subunit:	6
Subunit Waterblocking:	Gel Filled
Subunit Diameter:	0.110" (2.8 mm)
Subunit Color:	Blue
Central Strength Member:	GRP
Core Wrap:	Waterblocking tape

Inner Jacket Specifications

Strength Member:	Waterblocking Aramid Yarns
Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.379 in (9.6 mm)
Color:	Black
Number of Ripcords:	1

Outer Jacket Specifications

Strength Member:	Waterblocking Aramid Yarns
Jacket Material:	CPE - Chlorinated Polyethylene
Nom. Diameter:	0.514 in (13.1 mm)
Number of Ripcords:	1

Optical Characteristics

Wavelength	850 nm	1300 nm
Max. Attenuation	3.0 dB/km	1.0 dB/km
1 Gigabit Ethernet Performance	1100	550

10 Gigabit Ethernet Performance	550 m	--
Min. Effective Modal Bandwidth (EMB)	4700 MHz.km	--
Min. Overfilled Launch (OFL) Bandwidth	3500 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 lbf)
Max. Tensile Strength During Operation:	800 N (180 lbf)
Crush Resistance:	220 N/cm
Bulk Cable Weight:	111 lbs/kft (165 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: 0.14 Revision Date: 11-14-2022
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Part Numbers

Variants

Item #	Color	Putup Type	UPC
TU-4LF-006-R220	Orange	Cut to Length	612825478706

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