



REPRESENTATIVE IMAGE

**Product:** [TU-3DK-072-RN2](#)

Tray, In+Outdoor, DN, OM3, 72f, Unitized, Sgl Jkt, Blk, CPE, OFNR, Oil Res 1/2

**Product Description**

Tray Grade, Indoor/Outdoor, Distribution, OM3, 72 Fibers, Unitized (12f/unit) 900um, Single Jacket, Black, CPE, OFNR, Oil Res 1 & 2

**Technical Specifications**

**Product Overview**

Product Category:	Fiber Distribution Cable
Suitable Applications:	Extended Distance Horizontal & Backbone Data/Telco Network, Noisy Environment, Indoor/Outdoor & Wet Locations, Oil Res 1 /2

**Fiber Specifications**

Fiber Type:	OM3
Fiber Core Diameter:	50/125 µm
Fiber Diameter:	250 µm
Buffer Material:	PVC - Polyvinyl Chloride
Fiber Count:	72
Fiber Color Coding:	TIA-598-D

**Cable Construction**

Number of Active Subunits:	6
Fibers Per Subunit:	12
Subunit Diameter:	0.230 in (5.8 mm)
Subunit Color:	Aqua
Subunit Strength Members:	Waterblocking Aramid Yarn
Central Strength Member:	Upjacketed GRP
Core Wrap:	Waterblocking tape

**Outer Jacket Specifications**

Material:	CPE - Chlorinated Polyethylene
Nom. Diameter:	0.823 in (20.9 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	1000	550
10 Gigabit Ethernet Performance	300 m	-
Min. Effective Modal Bandwidth (EMB)	2000 MHz.km	-
Min. Overfilled Launch (OFL) Bandwidth	700 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:	229 lbs/kft (341 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:	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: 0.8 Revision Date: 04-08-2022
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