



Product: <u>FD3L006RC</u> ☑

Indoor/Outdoor Riser Loose Tube OM3 6F Unitized

# **Product Description**

FX Indoor/Outdoor Loose Tube OM3 6 Fibers OFNR Sub-Units(6F) Dry Black

# **Technical Specifications**

## **Product Overview**

Suitable Applications:	Campus Area Network, Backbone

## **Fiber Specifications**

Fiber Type:	OM3
Fiber Core Diameter:	50/125 μm
Fiber Diameter:	250 μm
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 Free
Subunit Diameter:	0.110 in (2.8 mm)
Subunit Color:	TIA-598-D
Subunit Strength Members:	Waterblocking aramid yarns
Central Strength Member:	GRP
Core Wrap:	Waterblocking tape
Cable Core Waterblocking:	Waterblock Tape

# **Outer Jacket Specifications**

Strength Member:	Waterblocking Aramid Yarns
Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.400 in (10.2 mm)
Number of Ripcords:	2

### **Optical Characteristics**

Wavelength	850 nm	1300 nm
Max. Attenuation	3.0 dB/km	1.0 dB/km
1 Gigabit Ethernet Performance	1,000 m	550 m
10 Gigabit Ethernet Performance	300 m	-
Min. Effective Modal Bandwidth (EMB)	2,000 MHz.km	-
Min. Overfilled Launch (OFL) Bandwidth	1,500 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:	63 lbs/kft (93 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**

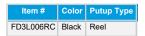
Environmental Suitability:	Indoor/Outdoor, Sunlight Resistance
Sustainability:	CA Prop 65
Flammability / Reaction to Fire:	OFNR, FT4
ICEA Compliance:	S-104-696
TIA/EIA Compliance:	ANSI/ICEA S-104-696

#### History

Update and Revision:	Revision Number: 0.74 Revision Date: 11-09-2022

#### **Part Numbers**

#### Variants



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