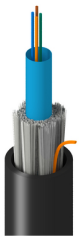

Product: FS4C004N0

FX Outdoor Central Loose Tube OM4 4 Fibers

Product Description

FX Outdoor Central Loose-Tube OM4 4 Fibers OFN

Technical Specifications

Product Overview

Product Category:	Central Loose Tube
Suitable Applications:	Extended Distance Horizontal & Backbone Data/Telco Network, Noisy Environment, Outdoor & Wet Locations, Aerial (Lashed)

Fiber Specifications

Fiber Type:	OM4
Fiber Core Diameter:	50/125 µm
Fiber Diameter:	250 µm
Fiber Count:	4
Fiber Color Coding:	TIA-598-D

Cable Construction

Number of Active Subunits:	1
Number of Fillers:	0
Fibers Per Subunit:	4
Subunit Waterblocking:	Gel Filled
Subunit Diameter:	0.150 in (3.8 mm)
Subunit Color:	Blue
Subunit Strength Members:	Aramid Yarns
Core Wrap:	Waterblocking tape
Cable Core Waterblocking:	Gel Filled

Outer Jacket Specifications

Strength Member:	Fiberglass Yarns
Jacket Material:	PE - Polyethylene
Nom. Diameter:	0.315 in (8.0 mm)
Color:	Black
Number of Ripcords:	1

Optical Characteristics

Wavelength	850 nm	953 nm	1300 nm
Max. Attenuation	3.0 dB/km		1.0 dB/km
1 Gigabit Ethernet Performance	1100 m	-	550 m
10 Gigabit Ethernet Performance	550 m	-	-
Min. Restricted Mode Launch		-	-
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:	33 lbs/kft (49 kg/km)

Temperature Range

Installation Temperature Range:	-30C to +60C

Standards and Compliance

Environmental Suitability:	Outdoor
Sustainability:	CA Prop 65
ICEA Compliance:	S-87-640

History

Update and Revision:	Revision Number: 0.69 Revision Date: 04-01-2024

Part Numbers

Variants

Item #	Color	UPC
FS4C004N0	Black	612825376019

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