



Part Number: FS1C006N0

Outdoor Central Loose Tube OM1 6 Fibers

Product Description

FX Outdoor Central Loose Tube OM1 6 Fibers OSP Non-Unitized Black

Technical Specifications

Product Overview

Part Number:	FS1C006N0
Construction Type:	Central Loose Tube
Environmental Space:	Outdoor
Suitable Applications:	Outdoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM1	6

Fiber Type:	OM1
Fiber Count:	6
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White

Buffer Specification

Buffer Diameter
0.150

Cable Core Water Blocking:	Gel-Filled
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SubUnit Specifications

Number of Active Subunits:	Non-Unitized
SubUnit Diameter:	0.150 in (3.8 mm)

Physical Specifications

Buffer Tube Waterblocking:	Gel Filled
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Jacket Specifications

Number of Jackets:	Single Jacket
Type of Armor:	Corrugated Steel Tape

Outer Jacket Material

Material	Nominal Diameter
PE - Polyethylene	0.315 in (8.0 mm)

Outer Jacket Color:	Black
Number of Outer Jacket Ripcords:	1

Optical Characteristics

Effective Modal Bandwidth (EMB):	220 MHz-km / 500 MHz-km
Fiber Core Diameter:	62.5/125µm

Max Attenuation at 1300 nm:	1.0 dB/km
Max Attenuation at 850 nm:	3.25 dB/km
Wavelength:	850 nm / 1300 nm
10 Gigabit Ethernet Performance:	33 m / 300 m
1 Gigabit Ethernet Performance:	275 m / 550 m
Min Overfilled Launch (OFL) Bandwidth:	200 MHz-km / 500 MHz-km

Mechanical Characteristics

Min Bend Radius During Installation:	20x Cable OD
Min Bend Radius During Operation:	10x Cable OD
Max Tensile Strength During Installation:	135 N (600 lbf)
Max Tensile Strength During Operation:	45 N (200 lbf)

Temperature Range

Operating Temp Range:	-40C to +70C
Installation Temp Range:	-20C to +70C
Storage Temp Range:	-40C to +70C

Standards

UL Rating/Flame Test:	OSP
NEC/(UL) Specification:	N/A
Telecommunications Standards:	ANSI/ICEA S-87-640
RoHS:	Yes
UV/ Sunlight Protection:	Yes

History

Variants

Item #	Color	UPC
FS1C006N0	Black	612825370253

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