



Product: [FS1C012N0](#)

Outdoor Central Loose Tube OM1 12 Fibers

Product Description

FX Outdoor Central Loose Tube OM1 12 Fibers OSP Non-Unitized Black

Technical Specifications

Part Number:	FS1C012N0
Construction Type:	Central Loose Tube

Product Overview

Environmental Space:	Outdoor
Suitable Applications:	Outdoor, Wet Location, Aerial (Lashed), Data, Telecommunications, Campus Backbone, Drop

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM1	12

Fiber Color Coding: Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua

Buffer Specification

Buffer Diameter
0.150

Cable Core Water Blocking: Gel-Filled

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
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Outer Jacket

Outer Jacket Material

Material	Nominal Diameter
PE - Polyethylene	0.315 in (8.0 mm)
Color:	Black
Number of Ripcords:	1

Optical Characteristics

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

Mechanical Tests

Description	Requirement/Value
Cable Min. Bend Radius Installation (Short Term)	20x Cable OD
Cable Min. Bend Radius Operation (Long Term)	10x Cable OD
Cable Max. Tensile Strength Installation (Short Term)	135 N (600 lbf)
Cable Max. Tensile Strength Operation (Long Term)	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) Compliance:	N/A
TIA/EIA Compliance:	ANSI/ICEA S-87-640
RoHS:	Yes
UV/ Sunlight Protection:	Yes

History

Variants

Item #	Color	UPC
FS1C012N0	Black	612825370284

Update and Revision:	Revision Number: 0.121 Revision Date: 04-28-2020
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