



**Product:** [FSSC012N0](#) 

## OUTDOOR CENTRAL LOOSE TUBE OS2 12

### Product Description

FX OUTDOOR CENTRAL LOOSE TUBE OS2 12 FIBERS OSP NON-UNITIZED BLACK

### Technical Specifications

Part Number:	FSSC012N0
Construction Type:	Central Loose Tube

### Product Overview

Environmental Space:	Outdoor
Suitable Applications:	Outdoor

### Construction

#### Fiber Cable Construction

Fiber Type	Fiber Count
OS2	12

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

Mode Field Diameter:	9.2
Fiber Core Diameter:	8.2/125µm
Max Attenuation at 1310 nm:	0.4 dB/km
Max Attenuation at 1550 nm:	0.3 dB/km
Wavelength:	1310 nm / 1550 nm

10 Gigabit Ethernet Performance:	10,000 m / 40,000 m
1 Gigabit Ethernet Performance:	5,000 m / -

## 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) Specification:	N/A
Telecommunications Standards:	ANSI/ICEA S-87-640
RoHS:	Yes
UV/ Sunlight Protection:	Yes

### History

Update and Revision:	Revision Number: 0.62 Revision Date: 07-11-2019
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