



**Part Number:** FS2C01260

## OUTDOOR CENTRAL LOOSE TUBE OM2 12 FIBERS OSP CORRUGATED STEEL TAPE ARMOR

### Product Description

FX OUTDOOR CENTRAL LOOSE TUBE OM2 12 FIBERS OSP CORRUGATED STEEL TAPE ARMOR NON-UNITIZED BLACK

### Technical Specifications

#### Product Overview

Part Number:	FS2C01260
Construction Type:	Central Loose Tube
Environmental Space:	Outdoor
Suitable Applications:	Outdoor

#### Construction

##### Fiber Cable Construction

Fiber Type	Fiber Count
OM2	12

Fiber Type:	OM2
Fiber Count:	12
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black, Yellow, Violet, Pink, Aqua

##### Buffer Specification

Fiber Type	Buffer Diameter
OM2	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	0.410 in (10.4 mm)

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

#### Optical Characteristics

Effective Modal Bandwidth (EMB):	950 MHz-km / 500 MHz-km
Fiber Core Diameter:	50/125µm
Max Attenuation at 1300 nm:	1.0 dB/km
Max Attenuation at 850 nm:	3.0 dB/km

Wavelength:	850 nm / 1300 nm
10 Gigabit Ethernet Performance:	150 m / 300 m
1 Gigabit Ethernet Performance:	550 m / 550 m
Min Overfilled Launch (OFL) Bandwidth:	700 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:	600 lbf
Max Tensile Strength During Operation:	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
Telecommunications Standards:	ANSI/ICEA S-87-640
RoHS:	Yes
UV/ Sunlight Protection:	Yes

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