



Product: [FSSC00860](#)

OUTDOOR CENTRAL LOOSE TUBE OS2 8 FIBERS OSP CORRUGATED STEEL TAPE ARMOR

Product Description

FX OUTDOOR CENTRAL LOOSE TUBE OS2 8 FIBERS OSP CORRUGATED STEEL TAPE ARMOR NON-UNITIZED BLACK

Technical Specifications

Part Number:	FSSC00860
Construction Type:	Central Loose Tube

Product Overview

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

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OS2	8

Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White, Red, Black
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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
Type of Armor:	Corrugated Steel Tape

Outer Jacket

Outer Jacket Material

Material	Nominal Diameter
PE - Polyethylene	0.410 in (10.4 mm)

Color:	Black
Number of 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
TIA/EIA Compliance:	ANSI/ICEA S-87-640
RoHS:	Yes
UV/ Sunlight Protection:	Yes

History

Update and Revision:	Revision Number: 0.73 Revision Date: 06-01-2020
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