



Product: [FS3C02460](#) 

Outdoor Central Loose Tube OM3 24 Fibers Corrugated Steel Tape Armor

Product Description

FX Outdoor Central Loose Tube OM3 24 Fibers OSP Corrugated Steel Tape Armor Non-Unitized Black

Technical Specifications

Part Number:	FS3C02460
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
OM3	24

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

Effective Modal Bandwidth (EMB):	2000 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:	300 m / 300 m
1 Gigabit Ethernet Performance:	- / 550 m
Min Overfilled Launch (OFL) Bandwidth:	1500 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
TIA/EIA Compliance:	ANSI/ICEA S-87-640
RoHS:	Yes
UV/ Sunlight Protection:	Yes

History

Update and Revision:	Revision Number: 0.76 Revision Date: 06-01-2020
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