



Product: [FS4C01260](#) 

Outdoor Central Loose Tube OM4 12 Fibers OSP Corrugated Steel Tape Armor Non-Unitized

Product Description

FX Outdoor, Central Loose Tube, OM4, 12 Fibers, OSP Corrugated Steel Tape Armor, Non-Unitized, Black Jacket

Technical Specifications

Product Overview

Product Category:	Steel Armored Central Loose Tube
Suitable Applications:	Extended Distance Horizontal & Backbone Data/Telco Network, Noisy Environment, OSP, Outdoor & Wet Locations, Rodent Resistant, UV Resistant

Fiber Specifications

Fiber Type:	OM4
Fiber Core Diameter:	50/125 µm
Fiber Diameter:	250 µm
Fiber Count:	12
Fiber Color Coding:	TIA-598-D

Cable Construction

Number of Active Subunits:	1
Fibers Per Subunit:	12
Subunit Waterblocking:	Gel Filled
Subunit Diameter:	0.150 in (3.8 mm)
Subunit Color:	Blue

Armor Specifications

Armor Type and Material:	CST - Corrugated Steel Tape
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Outer Jacket Specifications

Strength Member:	Fiberglass Yarns
Jacket Material:	PE - Polyethylene
Nom. Diameter:	0.410 in (10.4 mm)
Outer Jacket Color:	Black
Outer Jacket Ripcord:	1

Optical Characteristics

Wavelength	850 nm	1300 nm
Max. Attenuation	3.0 dB/km	1.0 dB/km
10 Gigabit Ethernet Performance	400 m	--
40 Gigabit Ethernet Performance	150 m	--
100 Gigabit Ethernet Performance	100 m	--
Min. Effective Modal Bandwidth (EMB)	4700 MHz.km	--
Min. Overfilled Launch (OFL) Bandwidth	3500 MHz.km	500 MHz.km

Mechanical Characteristics

Minimum Bend Radius During Installation:	20x Cable OD
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Minimum Bend Radius During Operation:	10x Cable OD
Max. Tensile Strength During Installation:	1320 N (300 lbf)
Max. Tensile Strength During Operation:	400 N (90 lbf)
Crush Resistance:	220 N/cm
Bulk Cable Weight:	69 lbs/kft (103 kg/km)

Temperature Range

Installation Temperature Range:	-30°C to +60°C
Operating Temperature Range:	-40°C to +70°C
Storage Temperature Range:	-40°C to +70°C

Standards and Compliance

Environmental Suitability:	Outdoor, Sunlight Resistance, Burial
ICEA Compliance:	S-87-640
TIA/EIA Compliance:	568.3, 598-D
Telcordia Compliance:	Telcordia GR-20
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment)

History

Update and Revision:	Revision Number: 0.50 Revision Date: 04-23-2026
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Part Numbers

Variants

Item #	Color	Putup Type
FS4C01260	Black	Reel

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