



Part Number: FS3H0066F

Outdoor Heavy Duty Loose Tube OM3 6 Fibers

Product Description

FX Outdoor Heavy Duty Loose Tube OM3 6 Fibers OSP Corrugated Steel Tape Armor Sub-Units (6F) Gel Black

Technical Specifications

Product Overview

Part Number:	FS3H0066F
Construction Type:	Multi Loose Tube
Environmental Space:	Outdoor
Suitable Applications:	Outdoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OM3	6

Fiber Type:	OM3
Fiber Count:	6
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White

Buffer Specification

Fiber Type	Buffer Material
OM3	Loose tube - Gel-filled

Central Strength Member:	GRP
Cable Core Water Blocking:	Waterblocking Tape
Bulk Cable Weight:	128 lbs/1000ft
Weight:	128 kg

SubUnit Specifications

Number of Active Subunits:	1
Number of Subunit Positions:	6
Fibers Per Subunit:	6
SubUnit Diameter:	0.078 in (2.0 mm)
SubUnit Waterblocking:	Gel Filled

Jacket Specifications

Number of Jackets:	Double Jacket
Type of Armor:	Corrugated Steel Tape
Number of Inner Jacket Ripcords:	2
Color@InnerJacket1:	Black
Material@InnerJacket1:	PE

Outer Jacket Material

Material	Nominal Diameter
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Thermoplastic	0.53 in (13.5 mm)
Outer Jacket Color:	Black
Number of Outer Jacket Ripcords:	2
OuterJacket1, Nominal Diameter:	.59 (15.)

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

Min Bend Radius During Installation:	20x Cable OD
Min Bend Radius During Operation:	15x Cable OD
Max Tensile Strength During Installation:	135 N (600 lbf)
Max Tensile Strength During Operation:	40 N (180 lbf)
Crush Resistance:	440
Impact Resistance:	4.4 N/cm

Temperature Range

Operating Temp Range:	-40C to +70C
Installation Temp Range:	-30C to +60C
Storage Temp Range:	-40C to +75C

Standards

UL Rating/Flame Test:	OSP
Telecommunications Standards:	ANSI/ICEA S-87-640
RoHS:	Yes

History

Variants

Item #	Color
FS3H0066F	Black

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