



Part Number: FSSL006NF

Outdoor Loose Tube OS2 6 Fibers

Product Description

FX Outdoor Loose Tube OS2 6 Fibers OSP Sub-Units (6F) Gel Black

Technical Specifications

Product Overview

Part Number:	FSSL006NF
Construction Type:	Multi Loose Tube
Environmental Space:	Outdoor
Suitable Applications:	Outdoor

Construction

Fiber Cable Construction

Fiber Type	Fiber Count
OS2	6

Fiber Type:	OS2
Fiber Count:	6
Fiber Color Coding:	Blue, Orange, Green, Brown, Gray, White

Buffer Specification

Fiber Type	Buffer Material
OS2	Loose tube - Gel-filled

Central Strength Member:	GRP
Cable Core Water Blocking:	Waterblocking Tape
Bulk Cable Weight:	59 lbs/1000ft
Weight:	59 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:	Single Jacket
Material@InnerJacket1:	PE

Outer Jacket Material

Material	Nominal Diameter
Thermoplastic	0.32 in (8.1 mm)

Outer Jacket Color:	Black
Number of Outer Jacket Ripcords:	2

OuterJacket1, Nominal Diameter:	.36 (9.1)
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Optical Characteristics

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

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:	220
Impact Resistance:	4.4 N/cm

Temperature Range

Operating Temp Range:	-40C to +70C
Installation Temp Range:	-30C to +70C
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
FSSL006NF	Black

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