

Product: FS3L012ND

Loose Tube OM3 12 Fibers OSP Dry Block

Product Description

FX Outdoor Loose Tube OM3 12 Fibers OSP Sub-Units(12F) Dry Black

Technical Specifications

Product Overview

Suitable Applications:	Campus Area Network, Long Haul, Backbone

Fiber Specifications

Fiber Type:	OM3
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
Number of Fillers:	4
Fibers Per Subunit:	12
Subunit Waterblocking:	Gel Free
Central Strength Member:	GRP
Cable Core Waterblocking:	Waterblock Tape

Inner Jacket Specifications

Material:	PE - Polyethylene

Outer Jacket Specifications

Strength Member:	Waterblocking Aramid Yarns
Jacket Material:	PE - Polyethylene
Nom. Diameter:	0.40 in (10.2 mm)
Color:	Black
Number of Ripcords:	1

Optical Characteristics

Wavelength	850 nm	1300 nm
Max. Attenuation	3.0 dB/km	1.0 dB/km
1 Gigabit Ethernet Performance	1000	550
10 Gigabit Ethernet Performance	300 m	--
Min. Effective Modal Bandwidth (EMB)	2000 MHz-km	--
Min. Overfilled Launch (OFL) Bandwidth	1500 MHz-km	500 MHz-km

Mechanical Characteristics

Min. Bend Radius During Installation:	15x Cable OD
Min. Bend Radius During Operation:	10x Cable OD

Max. Tensile Strength During Installation:	2670 N (600 lbf)
Max. Tensile Strength During Operation:	800 N (180 lbf)
Crush Resistance:	220 N/cm
Bulk Cable Weight:	43 lbs/kft (64 kg/km)

Temperature Range

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

Standards and Compliance

Environmental Suitability:	Outdoor, Burial
Sustainability:	CA Prop 65
ICEA Compliance:	S-87-640
TIA/EIA Compliance:	ANSI/ICEA S-87-640

History

Update and Revision:	Revision Number: 0.80 Revision Date: 11-09-2022

Part Numbers

Variants

Item #	Color	Putup Type	UPC
FS3L012ND	Black	Reel	612825384090

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