



Product: [FS3L288ND](#) 

Outdoor Loose Tube OM3 288 Fibers OSP Sub-units(12F) Dry

Product Description

FX Outdoor, Loose Tube, OM3, 288 Fibers, OSP, Sub-Units(12F) Dry, Black Jacket

Technical Specifications

Product Overview

Product Category:	Fiber Multi-Loose Tube Cable
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:	288
Fiber Color Coding:	TIA-598-D

Cable Construction

Number of Active Subunits:	24
Fibers Per Subunit:	12
Subunit Waterblocking:	Gel Free
Subunit Diameter:	0.098 in (2.5 mm)
Subunit Color:	TIA-598-D
Central Strength Member Type:	GRP
Cable Core Water Blocking:	Waterblock Tape

Outer Jacket Specifications

Jacket Material:	PE - Polyethylene
Nom. Diameter:	0.721 in (18.3 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	300 m	--
40 Gigabit Ethernet Performance	100 m	--
100 Gigabit Ethernet Performance	70 m	--
Min. Effective Modal Bandwidth (EMB)	2000 MHz-km	--
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)	15x Cable OD

Cable Min. Bend Radius Operation (Long Term)	10x Cable OD
Cable Max. Tensile Strength Installation (Short Term)	2670 N (600 lbf)
Cable Max. Tensile Strength Operation (Long Term)	800 N (180 lbf)

Minimum Bend Radius During Installation:	15x Cable OD
Minimum 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:	126 lbs/kft (188 kg/km)

Temperature Range

Installation Temperature Range:	-30°C to +70°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
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: 0.2 Revision Date: 09-22-2026
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Part Numbers

Variants

Item #	Color	Putup Type
FS3L288ND	Black	Reel

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