



**Product:** [FD4L096PD](#) 

Indoor/Outdoor Loose Tube OM4 96 Fibers OFNP Sub-Units(12F) Dry

## Product Description

FX Indoor/Outdoor, Loose Tube, OM4, 96 Fibers, OFNP, 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:	OM4
Fiber Core Diameter:	50/125 µm
Fiber Diameter:	250 µm
Fiber Count:	96
Fiber Color Coding:	TIA-598-D

### Cable Construction

Number of Active Subunits:	8
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
Core Wrap Material:	Water block tape

### Outer Jacket Specifications

Jacket Material:	PVC - Polyvinyl Chloride
Nom. Diameter:	0.490 in (12.5 mm)
Outer Jacket Color:	Black
Outer Jacket Ripcord:	1

### Optical Characteristics

Wavelength	1310 nm	1550 nm
Max. Attenuation	3.0 dB/km	1.0 dB/km
10 Gigabit Ethernet Performance	400 m	--
Min. Effective Modal Bandwidth (EMB)	4700 MHz.km	--
Min. Overfilled Launch (OFL) Bandwidth	3500 MHz.km	--

### Mechanical Characteristics

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:	69 lbs/kft (103 kg/km)
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## Temperature Range

Installation Temperature Range:	0°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:	Indoor/Outdoor, Sunlight Resistance
Flammability / Reaction to Fire:	NFPA 262
NEC / UL Compliance:	OFNP
CEC / C(UL) Compliance:	FT6
ICEA Compliance:	S-104-696
TIA/EIA Compliance:	568.3, 598-D
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment)

## History

Update and Revision:	Revision Number: 0.9 Revision Date: 03-18-2026
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