



**Product:** [FS4L006NF](#)

Loose Tube OM4 6F OSPUnitized Gel

**Product Description**

Outdoor Loose Tube OM4 6 Fibers OSP Sub-Units(6F) Gel Black

**Technical Specifications**

**Product Overview**

Suitable Applications:	Campus Area Network, Long Haul, Backbone
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**Fiber Specifications**

Fiber Type:	OM4
Fiber Core Diameter:	50/125 µm
Fiber Diameter:	250 µm
Fiber Count:	6
Fiber Color Coding:	TIA-598-D

**Cable Construction**

Number of Active Subunits:	1
Number of Fillers:	4
Fibers Per Subunit:	6
Subunit Waterblocking:	Gel Filled
Subunit Diameter:	0.078 in (2.0 mm)
Central Strength Member:	GRP

**Inner Jacket Specifications**

Material:	PE - Polyethylene
Color:	Black
Number of Ripcords:	2

**Outer Jacket Specifications**

Strength Member:	Waterblocking aramid yarns
Material:	PE - Polyethylene
Nominal Diameter:	0.364 in (9.2 mm)
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	1100	550
10 Gigabit Ethernet Performance	550 m	--
Min. Effective Modal Bandwidth (EMB)	4700 MHz-km	--
Min. Overfilled Launch (OFL) Bandwidth	3500 MHz-km	500 MHz-km

**Mechanical Characteristics**

Min Bend Radius During Installation:	15x Cable OD
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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:	39 lbs/kft (58 kg/km)

## Temperature Range

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

## Standards and Compliance

Environmental Suitability:	Outdoor, Burial
Sustainability:	CA Prop 65, Product Lens™, Environmental Product Declaration (EPD) Available
ICEA Compliance:	S-87-640
TIA/EIA Compliance:	ANSI/ICEA S-87-640

## History

Update and Revision:	Revision Number: 0.50 Revision Date: 12-17-2020
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