



Product: [FSSL0126G](#) 

Outdoor Loose Tube OS2 12 Fibers OSP Corrugated Steel Tape Armor Sub-Units(12F) Gel

Product Description

FX Outdoor, Loose Tube, OS2, 12 Fibers, OSP Corrugated Steel Tape Armor, Sub-Units(12F) Gel, Black Jacket

Technical Specifications

Product Overview

| | |
|------------------------|--|
| Product Category: | Fiber Multi-Loose Tube Cable |
| Suitable Applications: | Campus Area Network, Long Haul, Backbone |

Fiber Specifications

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|---------------------|------------------------|
| Fiber Type: | OS2, G.657.A1, G.652.D |
| Fiber Diameter: | 250 µm |
| Fiber Count: | 12 |
| Fiber Color Coding: | TIA-598-D |

Cable Construction

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|-------------------------------|-------------------|
| Number of Active Subunits: | 1 |
| Number of Fillers: | 4 |
| Fibers Per Subunit: | 12 |
| Subunit Waterblocking: | Gel Filled |
| Subunit Diameter: | 0.098 in (2.5 mm) |
| Subunit Color: | TIA-598-D |
| Central Strength Member Type: | GRP |
| Core Wrap Material: | Water block Tape |

Armor Specifications

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|--------------------------|-----------------------------|
| Armor Type and Material: | CST - Corrugated Steel Tape |
|--------------------------|-----------------------------|

Outer Jacket Specifications

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|-----------------------|--------------------|
| Strength Member: | Fiberglass Yarns |
| Jacket Material: | PE - Polyethylene |
| Nom. Diameter: | 0.520 in (13.2 mm) |
| Outer Jacket Color: | Black |
| Outer Jacket Ripcord: | 2 |

Optical Characteristics

| Wavelength | 1310 nm | 1550 nm |
|----------------------------------|------------|------------|
| Max. Attenuation | 0.35 dB/km | 0.25 dB/km |
| 10 Gigabit Ethernet Performance | 10,000 m | 50,000 m |
| 40 Gigabit Ethernet Performance | 10,000 m | -- |
| 100 Gigabit Ethernet Performance | 10,000 m | -- |

Mechanical Characteristics

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|--|--------------|
| Minimum Bend Radius During Installation: | 20x Cable OD |
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|--|-------------------------|
| 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: | 102 lbs/kft (152 kg/km) |

Temperature Range

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|---------------------------------|----------------|
| Installation Temperature Range: | -30°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: | Outdoor, Sunlight Resistance, Burial |
| 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

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|----------------------|--|
| Update and Revision: | Revision Number: 0.100 Revision Date: 03-09-2026 |
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Part Numbers

Variants

| Item # | Color | Putup Type | UPC |
|-----------|-------|------------|--------------|
| FSSL0126G | Black | Reel | 612825384694 |

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