



Product: [FS4C024N0](#)

FX Outdoor Central Loose Tube OM4 24 Fibers

Product Description

FX Outdoor Central Loose-Tube OM4 24 Fibers OFN

Technical Specifications

Product Overview

| | |
|------------------------|---|
| Product Category: | Central Loose Tube |
| Suitable Applications: | Extended Distance Horizontal & Backbone Data/Telco Network, Noisy Environment, Outdoor & Wet Locations, Aerial (Lashed) |

Fiber Specifications

| | |
|----------------------|-----------|
| Fiber Type: | OM4 |
| Fiber Core Diameter: | 50/125 µm |
| Fiber Diameter: | 250 µm |
| Fiber Count: | 24 |
| Fiber Color Coding: | TIA-598-D |

Cable Construction

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|----------------------------|--------------------|
| Number of Active Subunits: | 1 |
| Number of Fillers: | 0 |
| Fibers Per Subunit: | 24 |
| Subunit Waterblocking: | Gel Filled |
| Subunit Diameter: | 0.150 in (3.8 mm) |
| Subunit Color: | Blue |
| Subunit Strength Members: | Aramid Yarns |
| Core Wrap: | Waterblocking tape |
| Cable Core Waterblocking: | Gel Filled |

Outer Jacket Specifications

| | |
|---------------------|-------------------|
| Strength Member: | Fiberglass Yarns |
| Jacket Material: | PE - Polyethylene |
| Nom. Diameter: | 0.315 in (8.0 mm) |
| Color: | Black |
| Number of Ripcords: | 1 |

Optical Characteristics

| Wavelength | 850 nm | 953 nm | 1300 nm |
|--|-------------|--------|------------|
| Max. Attenuation | 3.0 dB/km | | 1.0 dB/km |
| 1 Gigabit Ethernet Performance | 1100 m | - | 550 m |
| 10 Gigabit Ethernet Performance | 550 m | - | - |
| Min. Restricted Mode Launch | | - | - |
| 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 |
| 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: | 34 lbs/kft (51 kg/km) |

Temperature Range

| | |
|---------------------------------|----------------|
| Installation Temperature Range: | -30C to +60C |
| Operating Temperature Range: | -40°C to +70°C |
| Storage Temperature Range: | -40°C to +70°C |

Standards and Compliance

| | |
|----------------------------|------------|
| Environmental Suitability: | Outdoor |
| Sustainability: | CA Prop 65 |
| ICEA Compliance: | S-87-640 |

History

| | |
|----------------------|---|
| Update and Revision: | Revision Number: 0.75 Revision Date: 04-01-2024 |
|----------------------|---|

Part Numbers

Variants

| Item # | Color | UPC |
|-----------|-------|--------------|
| FS4C024N0 | Black | 612825376064 |

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