



Product: [FI1D004R9](#)

Indoor Riser OM1 Distribution 4 Fibers

Product Description

FX Indoor OM1 Distribution Tight Buffer 4 Fibers OFNR Non-Unitized Orange Jacket

Technical Specifications

Product Overview

| | |
|------------------------|--------------------------|
| Product Category: | Fiber Distribution Cable |
| Suitable Applications: | Premise Backbone |

Fiber Specifications

| | |
|----------------------|--------------------------|
| Fiber Type: | OM1 |
| Fiber Core Diameter: | 62.5/125 μ m |
| Buffer Material: | PVC - Polyvinyl Chloride |
| Buffer Diameter: | 900 μ m |
| Fiber Count: | 4 |
| Fiber Color Coding: | TIA-598-D |

Outer Jacket Specifications

| | |
|---------------------|--------------------------|
| Strength Member: | Aramid Yarns |
| Jacket Material: | PVC - Polyvinyl Chloride |
| Nom. Diameter: | 0.200 in (5.1 mm) |
| Color: | Orange |
| Number of Ripcords: | 1 |

Optical Characteristics

| Wavelength | 850 nm | 1300 nm |
|--|------------|------------|
| Max. Attenuation | 3.5 dB/km | 1.25 dB/km |
| 1 Gigabit Ethernet Performance | 300 m | 550 m |
| 10 Gigabit Ethernet Performance | 33 m | -- |
| Min. Restricted Mode Launch | 220 MHz.km | 500 MHz.km |
| Min. Overfilled Launch (OFL) Bandwidth | 200 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: | 660 N (150 lbf) |
| Max. Tensile Strength During Operation: | 200 N (45 lbf) |
| Crush Resistance: | 100 N/cm |
| Bulk Cable Weight: | 17 lbs/kft (25 kg/km) |

Temperature Range

| | |
|---------------------------------|----------------|
| Installation Temperature Range: | -10°C to +60°C |
| Operating Temperature Range: | -20°C to +70°C |

| | |
|----------------------------|----------------|
| Storage Temperature Range: | -40°C to +70°C |
|----------------------------|----------------|

Standards and Compliance

| | |
|----------------------------------|---|
| Environmental Suitability: | Indoor |
| Sustainability: | CA Prop 65, Product Lens™, Environmental Product Declaration (EPD) Available |
| Flammability / Reaction to Fire: | OFNR, FT4 |
| CPR Compliance: | CPR Euroclass: Eca |
| ICEA Compliance: | S-83-596 |
| European Directive Compliance: | EU Directive 2015/863/EU (RoHS 2 amendment), REACH, EU Directive 2011/65/EU (RoHS 2), EU Directive 2012/19/EU (WEEE), REACH: 2020-01-16 |
| UK Regulation Compliance: | UKCA Mark |

History

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|----------------------|--|
| Update and Revision: | Revision Number: 0.104 Revision Date: 02-03-2025 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | UPC |
|-----------|--------|------------|--------------|
| F11D004R9 | Orange | Reel | 612825370994 |

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