

**Product:** [FD1M006P0](#) 



Indoor/Outdoor Mini-Distribution OM1 6 Fibers OFNP Double Jacket 6.7mm

## Product Description

FX Indoor/Outdoor, Mini-Distribution, OM1, 6 Fibers, OFNP, Double Jacket 6.7mm, Black Jacket

## Technical Specifications

### Product Overview

|                        |   |
|------------------------|---|
| Product Category:      | Fiber Mini Distribution Cable   |
| Suitable Applications: | Data Center, RAN, Horizontal Backbone, Premise Backbone, Patching, Trunking |

### Fiber Specifications

|                      |             |
|----------------------|-------------|
| Fiber Type:          | OM1         |
| Fiber Core Diameter: | 62.5/125 µm |
| Fiber Diameter:      | 250 µm      |
| Fiber Count:         | 6           |
| Fiber Color Coding:  | TIA-598-D   |

### Inner Jacket Specifications

|                                      |                          |
|--------------------------------------|--------------------------|
| Inner Jacket Strength Member:        | Aramid Yarns             |
| Material:                            | PVC - Polyvinyl Chloride |
| Nominal Diameter@InnerJacket1 (cnv): | 0.130 in (3.3 mm)        |
| Color:                               | Orange                   |

### Outer Jacket Specifications

|                       |                          |
|-----------------------|--------------------------|
| Strength Member:      | Fiberglass Yarns         |
| Jacket Material:      | PVC - Polyvinyl Chloride |
| Nom. Diameter:        | 0.265 in (6.7 mm)        |
| Outer Jacket Color:   | Black                    |
| Outer Jacket Ripcord: | 1                        |

### Optical Characteristics

| Wavelength                             | 850 nm     | 1300 nm    |
|--|------------|------------|
| Max. Attenuation                       | 3.5 dB/km  | 1.25 dB/km |
| 10 Gigabit Ethernet Performance        | 33 m       | --         |
| Min. Overfilled Launch (OFL) Bandwidth | 200 MHz.km | 500 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: | 660 N (150 lbf)       |
| Max. Tensile Strength During Operation:    | 200 N (45 lbf)        |
| Crush Resistance:                          | 220 N/cm              |
| Bulk Cable Weight:                         | 43 lbs/kft (64 kg/km) |

### Temperature Range

|                                 |                |
|---------------------------------|----------------|
| Installation Temperature Range: | 0°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/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: 05-20-2026 |
|----------------------|--|

## Part Numbers

### Variants

| Item #    | Color | Putup Type |
|-----------|-------|------------|
| FD1M006P0 | Black | Reel       |

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