

Product: [FD4M006P03](#) 



Indoor/Outdoor Mini-Distribution OM4 6 Fibers OFNP Double Jacket 6.7mm

Product Description

FX Indoor/Outdoor, Mini-Distribution, OM4, 6 Fibers, OFNP, Double Jacket 6.7mm, Black Jacket/ Aqua Sub-units

Technical Specifications

Product Overview

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

Fiber Specifications

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

Inner Jacket Specifications

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

Outer Jacket Specifications

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|-----------------------|--------------------------|
| 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 | 3.0 dB/km | 1.0 dB/km |
| 10 Gigabit Ethernet Performance | 400 m | -- |
| 40 Gigabit Ethernet Performance | 150 m | -- |
| 100 Gigabit Ethernet Performance | 100 m | -- |
| Min. Effective Modal Bandwidth (EMB) | 4700 MHz.km | |
| Min. Overfilled Launch (OFL) Bandwidth | 3500 MHz.km | 500 MHz.km |

Mechanical Characteristics

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|--|-----------------|
| 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 |

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|--------------------|-----------------------|
| Bulk Cable Weight: | 43 lbs/kft (64 kg/km) |
|--------------------|-----------------------|

Temperature Range

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|---------------------------------|----------------|
| 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

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|----------------------|--|
| Update and Revision: | Revision Number: 0.9 Revision Date: 05-20-2026 |
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Part Numbers

Variants

| Item # | Color | Putup Type |
|------------|-------|------------|
| FD4M006P03 | Black | Reel |

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