



Product: [FI3M144P1](#)

Indoor Mini-Distribution OM3 144 Fibers OFNP Sub-units 2.0 mm (12F)

Product Description

FX Indoor, Mini-Distribution, OM3, 144 Fibers, OFNP, Sub-units 2.0 mm (12F), Aqua Jacket

Technical Specifications

Product Overview

| | |
|------------------------|---|
| 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: | OM3 |
| Fiber Core Diameter: | 50/125 µm |
| Fiber Diameter: | 250 µm |
| Fiber Count: | 144 |
| Fiber Color Coding: | TIA-598-D |

Cable Construction

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|----------------------------|-------------------|
| Number of Active Subunits: | 12 |
| Fibers Per Subunit: | 12 |
| Subunit Diameter: | 0.078 in (2.0 mm) |
| Subunit Color: | Aqua |
| Subunit Strength Members: | Aramid yarns |
| Central Strength Member: | Upjacketed GRP |

Outer Jacket Specifications

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|---------------------|--------------------------|
| Strength Member: | Aramid Yarns |
| Jacket Material: | PVC - Polyvinyl Chloride |
| Nom. Diameter: | 0.400 in (10.3 mm) |
| Color: | Aqua |
| Number of Ripcords: | 1 |

Optical Characteristics

| Wavelength | 850 nm | 1300 nm |
|--|-------------|------------|
| Max. Attenuation | 3.0 dB/km | 1.0 dB/km |
| 10 Gigabit Ethernet Performance | 300 m | -- |
| Min. Effective Modal Bandwidth (EMB) | 2000 MHz.km | -- |
| Min. Overfilled Launch (OFL) Bandwidth | 1500 MHz.km | 500 MHz.km |

Mechanical Characteristics

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|--|-----------------|
| 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: | 110 N/cm |
| Bulk Cable Weight: | 68 lbs/kft (100 kg/km) |

Temperature Range

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|---------------------------------|----------------|
| Installation Temperature Range: | 0°C to +60°C |
| Operating Temperature Range: | 0°C to +70°C |
| Storage Temperature Range: | -40°C to +70°C |

Standards and Compliance

| | |
|----------------------------------|---|
| Environmental Suitability: | Indoor |
| Flammability / Reaction to Fire: | NFPA 262, FT6 |
| NEC / UL Compliance: | OFNP |
| CEC / C(UL) Compliance: | OFNP |
| ICEA Compliance: | S-83-596 |
| TIA/EIA Compliance: | 598-D |
| Telcordia Compliance: | GR-409 |
| European Directive Compliance: | EU Directive 2015/863/EU (RoHS 2 amendment) |

History

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|----------------------|--|
| Update and Revision: | Revision Number: 0.104 Revision Date: 03-19-2025 |
|----------------------|--|

Part Numbers

Variants

| Item # | Color | Putup Type | UPC |
|-----------|-------|------------|--------------|
| FI3M144P1 | Aqua | Reel | 612825288268 |

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