

# Product: FI5M036P1

Indoor Mini-Distribution OM5 36 Fibers OFNP Sub-units 2.0 mm (12F)

## Product Description

FX Indoor, Mini-Distribution, OM5, 36 Fibers, OFNP, Sub-units 2.0 mm (12F), Lime Green 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: | OM5 |
| Fiber Core Diameter: | 50/125 µm |
| Fiber Diameter: | 250 µm |
| Fiber Count: | 36 |
| Fiber Color Coding: | TIA-598-D |

### Cable Construction

| | |
|---|---|
| Number of Active Subunits: | 3 |
| Fibers Per Subunit: | 12 |
| Subunit Diameter: | 0.078 in (2.0 mm) |
| Subunit Color: | Lime Green |
| Fiber SubUnit Strength Members: | Aramid yarns |
| Central Strength Member Type: | GRP |

### Outer Jacket Specifications

| | |
|---|---|
| Strength Member: | Aramid Yarns |
| Jacket Material: | PVC - Polyvinyl Chloride |
| Nom. Diameter: | 0.272 in (6.9 mm) |
| Outer Jacket Color: | Lime Green |
| 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 | -- |
| 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: | 100 N/cm |
| Bulk Cable Weight: | 32 lbs/kft (46 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: 0.7 Revision Date: 03-19-2025 |

## Part Numbers

**Variants**

| Item # | Color | Putup Type |
|---|---|---|
| FI5M036P1 | Lime Green | Reel |

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