



Product: [FI4M024P1](#) 

Indoor Plenum OM4 Mini-Distribution 24F 2mm SubUnits EV

Product Description

FX Indoor OM4 Mini-Distribution 24 Fibers OFNP Sub-Units (2.0MM) Erika Violet Jacket

Technical Specifications

Product Overview

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|------------------------|---|
| 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: | 24 |
| Fiber Color Coding: | TIA-598-D |

Cable Construction

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|----------------------------|-------------------|
| Number of Active Subunits: | 2 |
| Fibers Per Subunit: | 12 |
| Subunit Diameter: | 0.078 in (2.0 mm) |
| Subunit Strength Members: | Aramid yarns |
| Central Strength Member: | GRP |

Outer Jacket Specifications

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|---------------------|--------------------------|
| Strength Member: | Aramid Yarns |
| Material: | PVC - Polyvinyl Chloride |
| Nom. Diameter: | 0.270 in (7.0 mm) |
| Color: | Erika Violet |
| Number of Ripcords: | 2 |

Optical Characteristics

| Wavelength | 850 nm | 1300 nm |
|--|-------------|------------|
| Max. Attenuation | 3.0 dB/km | 1.2 dB/km |
| 1 Gigabit Ethernet Performance | 1,040 m | 550 m |
| 10 Gigabit Ethernet Performance | 550 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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|--|-----------------|
| Min. Bend Radius During Installation: | 15x Cable OD |
| Min. Bend Radius During Operation: | 10x Cable OD |
| Max. Tensile Strength During Installation: | 670 N (150 lbf) |
| Max. Tensile Strength During Operation: | 200 N (45 lbf) |
| Crush Resistance: | 110 N/cm |

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|--------------------|-----------------------|
| Bulk Cable Weight: | 33 lbs/kft (49 kg/km) |
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Temperature Range

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

Standards and Compliance

| | |
|----------------------------------|--------------------|
| Environmental Suitability: | Indoor |
| Sustainability: | CA Prop 65 |
| Flammability / Reaction to Fire: | OFNP, FT6 |
| NEC / UL Compliance: | N/A |
| ICEA Compliance: | S-83-596 |
| TIA/EIA Compliance: | ANSI/ICEA S-83-596 |

History

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|----------------------|---|
| Update and Revision: | Revision Number: 0.79 Revision Date: 12-15-2021 |
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