



**Product:** [FI4M024A2](#)

Indoor Plenum OM4 Mini-Distribution 24 Fibers Aluminum Interlocked Erika Violet Jacket

## Product Description

FX Indoor, Multimode, OM4, Mini-Distribution, 24 Fibers, OFCP Aluminum Interlocked Armor, Erika Violet 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:          | OM4            |
| Fiber Core Diameter: | 50/125 $\mu$ m |
| Fiber Diameter:      | 250 $\mu$ m    |
| Fiber Count:         | 24             |
| Fiber Color Coding:  | TIA-598-D      |

### Cable Construction

|                            |                   |
|----------------------------|-------------------|
| Number of Active Subunits: | 2                 |
| Number of Fillers:         | 2                 |
| Fibers Per Subunit:        | 12                |
| Subunit Diameter:          | 0.118 in (3.0 mm) |
| Subunit Color:             | Erika Violet      |
| Subunit Strength Members:  | Aramid Yarns      |
| Central Strength Member:   | GRP               |

### Inner Jacket Specifications

|                  |                          |
|------------------|--------------------------|
| Strength Member: | Aramid Yarns             |
| Material:        | PVC - Polyvinyl Chloride |
| Nom. Diameter:   | 0.380 in (9.7 mm)        |
| Color:           | Erika Violet             |

### Armor Specifications

|                          |                                |
|--------------------------|--------------------------------|
| Armor Type and Material: | AIA - Aluminum Interlock Armor |
|--------------------------|--------------------------------|

### Outer Jacket Specifications

|                  |                          |
|------------------|--------------------------|
| Jacket Material: | PVC - Polyvinyl Chloride |
| Nom. Diameter:   | 0.738 in (18.7 mm)       |
| Color:           | Erika Violet             |

### Mechanical Characteristics

|  |                 |
|--|-----------------|
| Min. Bend Radius During Installation:      | 20x 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:                       | 440 N/cm                |
| Bulk Cable Weight:                      | 174 lbs/kft (259 kg/km) |

## Temperature Range

|                                 |                |
|---------------------------------|----------------|
| 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                                      |
| Sustainability:                | CA Prop 65                                  |
| NEC / UL Compliance:           | OFCP  |
| CEC / C(UL) Compliance:        | FT6   |
| 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

|                      |   |
|----------------------|---|
| Update and Revision: | Revision Number: 0.92 Revision Date: 02-03-2025 |
|----------------------|---|

## Part Numbers

### Variants

| Item #    | Color        | Putup Type |
|-----------|--------------|------------|
| FI4M024A2 | Erika Violet | Reel       |
| FI4M024A2 | Erika Violet | Reel       |

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