Belden

# Product: FI4M144L2

Indoor Riser OM4 Mini-Distribution 144F

## Product Description

Mini-Distribution Fiber Cable, OM4, Multimode, 144 Fibers, LSZH/Riser (OFNR), 3.0mm, Erika Violet Jacket

## Technical Specifications

### Product Overview

| | |
|---|---|
| Suitable Applications: | Data Center, RAN, Horizontal Backbone, Premise Backbone, Patching, Trunking |

### Fiber Specifications

| | |
|---|---|
| Fiber Type: | OM4 |
| Fiber Core Diameter: | 50/125 µm |
| Fiber Diameter: | 250 µm |
| Fiber Count: | 144 |
| Fiber Color Coding: | TIA-598-D |

### Cable Construction

| | |
|---|---|
| Number of Active Subunits: | 12 |
| Fibers Per Subunit: | 12 |
| Subunit Diameter: | 0.118 in (3.0 mm) |
| Fiber SubUnit Strength Members: | Aramid yarns |
| Central Strength Member Type: | Upjacketed GRP |

### Outer Jacket Specifications

| | |
|---|---|
| Strength Member: | Aramid Yarns |
| Jacket Material: | LSZH - Low Smoke Zero Halogen (Flame Retardant) |
| Nom. Diameter: | 0.400 in (10.3 mm) |
| Outer Jacket Color: | Erika Violet |
| Outer Jacket Ripcord: | 2 |

### 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: | 670 N (150 lbf) |
| Max. Tensile Strength During Operation: | 200 N (45 lbf) |
| Crush Resistance: | 110 N/cm |
| Bulk Cable Weight: | 67 lbs/kft (100 kg/km) |

### Temperature Range

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

### Standards and Compliance

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|---|---|
| Environmental Suitability: | Indoor |
| Sustainability: | CA Prop 65 |
| Flammability / Reaction to Fire: | OFNR, FT4 |
| ICEA Compliance: | S-83-596 |
| TIA/EIA Compliance: | ANSI/ICEA S-83-596 |

## History

| | |
|---|---|
| Update and Revision: | Revision Number: 0.85 Revision Date: 09-07-2025 |

## Part Numbers

**Variants**

| Item # | Color | Putup Type | UPC |
|---|---|---|---|
| FI4M144L2 | Erika Violet | Reel | 612825288930 |

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