



Product: [FI2M036L2](#)

Indoor Riser OM2 Mini-Distribution 36F

Product Description

Mini-Distribution Fiber Cable, OM2, Multimode, 36 Fibers, LSZH/Riser (OFNR), 3.0mm, Orange Jacket

Technical Specifications

|                    |                   |
|--------------------|-------------------|
| Part Number:       | FI2M036L2         |
| Construction Type: | Mini Distribution |

Product Overview

|                        |        |
|------------------------|--------|
| Environmental Space:   | Indoor |
| Suitable Applications: | Indoor |

Construction

Fiber Cable Construction

| Fiber Type | Fiber Count |
|------------|-------------|
| OM2        | 36          |

|                          |     |
|--------------------------|-----|
| Central Strength Member: | GRP |
|--------------------------|-----|

SubUnit Specifications

|                              |                   |
|------------------------------|-------------------|
| Number of Active Subunits:   | 3                 |
| Number of Subunit Positions: | 3                 |
| Fibers Per Subunit:          | 12                |
| SubUnit Diameter:            | 0.118 in (3.0 mm) |

Jacket Specifications

|                    |               |
|--------------------|---------------|
| Number of Jackets: | Single Jacket |
|--------------------|---------------|

Inner Jacket

|           |                                                 |
|-----------|-------------------------------------------------|
| Material: | LSZH - Low Smoke Zero Halogen (Flame Retardant) |
|-----------|-------------------------------------------------|

Outer Jacket

Outer Jacket Material

| Material      | Nominal Diameter |
|---------------|------------------|
| Thermoplastic | 0.38 in (9.7 mm) |

|                     |             |
|---------------------|-------------|
| Color:              | Orange      |
| Number of Ripcords: | 2           |
| Nominal Diameter:   | 0.380 (9.7) |

Optical Characteristics

|                                  |                         |
|----------------------------------|-------------------------|
| Effective Modal Bandwidth (EMB): | 950 MHz-km / 500 MHz-km |
| Fiber Core Diameter:             | 50/125                  |
| Max Attenuation at 1300 nm:      | 1.0 dB/km               |
| Max Attenuation at 850 nm:       | 3.0 dB/km               |

|                                        |                         |
|----------------------------------------|-------------------------|
| Wavelength:                            | 850 nm / 1300 nm        |
| 10 Gigabit Ethernet Performance:       | 150 m / 300 m           |
| 1 Gigabit Ethernet Performance:        | 550 m / 550 m           |
| Min Overfilled Launch (OFL) Bandwidth: | 700 MHz-km / 500 MHz-km |

## Mechanical Characteristics

### Mechanical Tests

| Description                                      | Requirement/Value |
|--------------------------------------------------|-------------------|
| Cable Min. Bend Radius Installation (Short Term) | 20x Cable OD      |
| Cable Min. Bend Radius Operation (Long Term)     | 15x Cable OD      |

## Standards

|                       |                    |
|-----------------------|--------------------|
| UL Rating/Flame Test: | OFNR               |
| NEC/(UL) Compliance:  | N/A                |
| C (UL) US:            | FT4                |
| TIA/EIA Compliance:   | ANSI/ICEA S-83-596 |
| RoHS:                 | Yes                |

## History

### Variants

| Item #    | Color  | UPC          |
|-----------|--------|--------------|
| FI2M036L2 | Orange | 612825287780 |

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.54 Revision Date: 03-13-2019 |
|----------------------|-------------------------------------------------|

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