



**Product:** [FI1I001RC](#)

Indoor Riser OM1 Interconnect 1F SX SX Cord 3.0mm Orange

### Product Description

FX Indoor OM1 Interconnect 1 Fiber OFNR SX SX Cord 3.0MM (900UM) Orange Jacket

### Technical Specifications

|                    |              |
|--------------------|--------------|
| Part Number:       | FI1I001RC    |
| Construction Type: | Interconnect |

### Product Overview

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

### Construction

#### Fiber Cable Construction

| Fiber Type | Fiber Count |
|------------|-------------|
| OM1        | 1           |

#### Buffer Specification

| Buffer Material | Buffer Diameter |
|-----------------|-----------------|
| PVC             | 900 µm          |

|                    |              |
|--------------------|--------------|
| Bulk Cable Weight: | 5 lbs/1000ft |
|--------------------|--------------|

### Jacket Specifications

#### Outer Jacket Material

| Material | Nominal Diameter  |
|----------|-------------------|
| PVC      | 0.114 in (2.9 mm) |

|                                 |          |
|---------------------------------|----------|
| Outer Jacket Color:             | Orange   |
| OuterJacket1, Nominal Diameter: | 0.118 in |

### Optical Characteristics

|  |                         |
|--|-------------------------|
| Effective Modal Bandwidth (EMB):       | 220 MHz-km / 500 MHz-km |
| Fiber Core Diameter:                   | 62.5/125µm              |
| Max Attenuation at 1300 nm:            | 1.25 dB/km              |
| Max Attenuation at 850 nm:             | 3.5 dB/km               |
| Wavelength:                            | 850 nm / 1300 nm        |
| 10 Gigabit Ethernet Performance:       | 33 m / 300 m            |
| 1 Gigabit Ethernet Performance:        | 275 m / 550 m           |
| Min Overfilled Launch (OFL) Bandwidth: | 200 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)          | 10x Cable OD  |
| Cable Max. Tensile Strength Installation (Short Term) | 11 N (50 lbf) |
| Cable Max. Tensile Strength Operation (Long Term)     | 3 N (15 lbf)  |

## Temperature Range

|                          |              |
|--------------------------|--------------|
| Operating Temp Range:    | 0C to +70C   |
| Installation Temp Range: | -10C to +60C |
| Storage Temp Range:      | -40C to +70C |

## Standards

|                               |                    |
|-------------------------------|--------------------|
| UL Rating/Flame Test:         | Riser              |
| CEC/C(UL) Specification:      | FT4                |
| NEC/(UL) Specification:       | OFNR               |
| Telecommunications Standards: | ANSI/ICEA S-83-596 |
| RoHS:                         | Yes                |

## History

### Variants

| Item #   | Color  | UPC          |
|----------|--------|--------------|
| F11001RC | Orange | 612825287278 |

|                      |   |
|----------------------|---|
| Update and Revision: | Revision Number: 0.45 Revision Date: 09-20-2018 |
|----------------------|---|

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