



Product: [FI4I002RC](#)

Indoor Riser OM4 Interconnect 2F DX DX Cord 3mm EV

Product Description

FX Indoor OM4 Interconnect 2 Fibers OFNR DX DX Cord 3.0MM (900UM) Erika Violet Jacket

Technical Specifications

| | |
|--------------------|--------------|
| Part Number: | FI4I002RC |
| Construction Type: | Interconnect |

Product Overview

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

Construction

Fiber Cable Construction

| Fiber Type | Fiber Count |
|------------|-------------|
| OM4 | 2 |

| | |
|---------------------|-------------|
| Fiber Color Coding: | Blue, White |
|---------------------|-------------|

Buffer Specification

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

| | |
|--------------------|---------------|
| Bulk Cable Weight: | 10 lbs/1000ft |
|--------------------|---------------|

Jacket Specifications

Outer Jacket Material

| Material | Nominal Diameter |
|----------|-------------------------------|
| PVC | 0.11 x 0.23 in (2.8 x 5.6 mm) |

| | |
|---------------------------------|---------------------|
| Outer Jacket Color: | Erika Violet |
| OuterJacket1, Nominal Diameter: | 0.118 in x 0.236 in |

Optical Characteristics

| | |
|--|--------------------------|
| Effective Modal Bandwidth (EMB): | 4700 MHz-km / 500 MHz-km |
| Fiber Core Diameter: | 50/125µm |
| Max Attenuation at 1300 nm: | 1.2 dB/km |
| Max Attenuation at 850 nm: | 3.0 dB/km |
| Wavelength: | 850 nm / 1300 nm |
| 10 Gigabit Ethernet Performance: | 550 m / 300 m |
| 1 Gigabit Ethernet Performance: | - / 550 m |
| Min Overfilled Launch (OFL) Bandwidth: | 3500 MHz-km /550 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 |
|-----------|--------------|--------------|
| F14I002RC | Erika Violet | 612825288497 |

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