



**Product:** [FI4I002LC](#) 

Indoor LSZH/Riser OM4 Interconnect 2F DX DX Cord 3.0mm

### Product Description

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

### Technical Specifications

|                    |              |
|--------------------|--------------|
| Part Number:       | FI4I002LC    |
| 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 |
|-----------------|-----------------|
| LSZH            | 900 µm          |

|                    |                |
|--------------------|----------------|
| Bulk Cable Weight: | 5.5 lbs/1000ft |
|--------------------|----------------|

### Jacket Specifications

#### Outer Jacket Material

| Material | Nominal Diameter              |
|----------|-------------------------------|
| LSZH     | 0.11 x 0.23 in (2.8 x 5.8 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:         | LSZH/Riser         |
| CEC/C(UL) Specification:      | FT4                |
| NEC/(UL) Specification:       | OFNR               |
| Telecommunications Standards: | ANSI/ICEA S-83-596 |
| RoHS:                         | Yes                |

## History

### Variants

| Item #    | Color        | UPC          |
|-----------|--------------|--------------|
| F14I002LC | Erika Violet | 612825288411 |

|                      |   |
|----------------------|---|
| Update and Revision: | Revision Number: 0.44 Revision Date: 09-20-2018 |
|----------------------|---|

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