



Product: [FI3I001LC](#) 

Indoor LSZH/Riser OM3 Interconnect 1F SX SX Cord 3.0mm Aq

Product Description

FX Indoor OM3 Interconnect 1 Fiber LSZH/OFNR SX SX Cord 3.0MM (900UM) Aqua Jacket

Technical Specifications

|                    |              |
|--------------------|--------------|
| Part Number:       | FI3I001LC    |
| Construction Type: | Interconnect |

Product Overview

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

Construction

Fiber Cable Construction

| Fiber Type | Fiber Count |
|------------|-------------|
| OM3        | 1           |

Buffer Specification

| Buffer Material | Buffer Diameter |
|-----------------|-----------------|
| LSZH            | 900 μm          |

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

Outer Jacket

Outer Jacket Material

| Material                                        | Nominal Diameter |
|-------------------------------------------------|------------------|
| LSZH - Low Smoke Zero Halogen (Flame Retardant) | 0.11 in (2.8 mm) |

|                   |          |
|-------------------|----------|
| Color:            | Aqua     |
| Nominal Diameter: | 0.118 in |

Optical Characteristics

|                                        |                          |
|----------------------------------------|--------------------------|
| Effective Modal Bandwidth (EMB):       | 2000 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:       | 300 m / 300 m            |
| 1 Gigabit Ethernet Performance:        | - / 550 m                |
| Min Overfilled Launch (OFL) Bandwidth: | 1500 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: | LSZH/Riser         |
| CEC/C(UL) Compliance: | FT4                |
| NEC/(UL) Compliance:  | OFNR               |
| TIA/EIA Compliance:   | ANSI/ICEA S-83-596 |
| RoHS:                 | Yes                |

### History

#### Variants

| Item #    | Color | UPC          |
|-----------|-------|--------------|
| FI3I001LC | Aqua  | 612825287933 |

|                      |                                                 |
|----------------------|-------------------------------------------------|
| Update and Revision: | Revision Number: 0.48 Revision Date: 01-31-2020 |
|----------------------|-------------------------------------------------|

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