# Product: FI1I001LB

Indoor LSZH/Riser OM1 Interconnect 1F SX SX Cord 2.0mm

## Product Description

FX Indoor OM1 Interconnect 1 Fiber LSZH/OFNR SX SX Cord 2.0MM (900UM) Orange Jacket

## Technical Specifications

### Product Overview

| | |
|---|---|
| Suitable Applications: | Indoor |

### Fiber Specifications

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|---|---|
| Fiber Type: | OM1 |
| Fiber Core Diameter: | 62.5/125µm |
| Fiber Buffer Material: | LSZH |
| Fiber Buffer Diameter: | 900 µm |
| Fiber Count: | 1 |
| Fiber Color Coding: | TIA-598-D |

### Outer Jacket Specifications

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|---|---|
| Jacket Material: | LSZH - Low Smoke Zero Halogen (Flame Retardant) |
| Nom. Diameter: | 0.078 in |
| Outer Jacket Color: | Orange |

**Optical Characteristics**

| Wavelength | 850 nm | 1300 nm |
|---|---|---|
| Max. Attenuation | 3.5 dB/km | 1.25 dB/km |

### Mechanical Characteristics

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|---|---|
| Minimum Bend Radius During Installation: | 20x Cable OD |
| Minimum Bend Radius During Operation: | 10x Cable OD |
| Max. Tensile Strength During Installation: | 50 lbf (220 N) |
| Max. Tensile Strength During Operation: | 15 lbf (67 N) |
| Bulk Cable Weight: | 4 lbs/1000ft (6.0 kg/km) |

### Temperature Range

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

### Standards and Compliance

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|---|---|
| Environmental Suitability: | Indoor |
| NEC / UL Compliance: | OFNR |
| CEC / C(UL) Compliance: | FT4 |
| TIA/EIA Compliance: | ANSI/ICEA S-83-596 |

### History

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|---|---|
| Update and Revision: | Revision Number: 0.68 Revision Date: 10-15-2024 |

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