



**Product:** [FI4I001LCA](#)

Indoor LSZH/Riser OM4 Interconnect 1F SX SX Cord 3.0mm Aq

### Product Description

Indoor OM4 Interconnect 1 Fiber LSZH/OFNR SX SX Cord 3.0mm (900µm) Aqua Jacket

### Technical Specifications

Part Number:	FI4I001LCA
Construction Type:	Interconnect

### Product Overview

Environmental Space:	Indoor
Suitable Applications:	Indoor

### Construction

#### Fiber Cable Construction

Fiber Type	Fiber Count
OM4	1

#### Buffer Specification

Buffer Material	Buffer Diameter
LSZH	900 µm

Bulk Cable Weight:	5.5 lbs/1000ft
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### Jacket Specifications

#### Outer Jacket Material

Material	Nominal Diameter
LSZH	0.11 in (2.8 mm)

Outer Jacket Color:	Aqua
OuterJacket1, Nominal Diameter:	0.118 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
F14I001LCA	Aqua	612825288305

Update and Revision:	Revision Number: 0.48 Revision Date: 07-11-2019
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