



**Part Number:** FI1I001LC

Indoor LSZH/Riser OM1 Interconnect 1F SX SX Cord 3.0mm

**Product Description**

FX Indoor OM1 Interconnect 1 Fiber LSZH/OFNR SX SX Cord 3.0MM (900UM) Orange Jacket

**Technical Specifications**

**Product Overview**

Part Number:	FI1I001LC
Construction Type:	Interconnect
Environmental Space:	Indoor
Suitable Applications:	Indoor

**Construction**

**Fiber Cable Construction**

Fiber Type	Fiber Count
OM1	1

Fiber Type:	OM1
Fiber Count:	1

**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 in (2.8 mm)

Outer Jacket Color:	Orange
OuterJacket1, Nominal Diameter:	0.118 in

**Optical Characteristics**

Effective Modal Bandwidth (EMB):	220 MHz-km / 500 MHz-km
Fiber Core Diameter:	62.5/125µm
Max Attenuation at 1300 nm:	1.25 dB/km
Max Attenuation at 850 nm:	3.5 dB/km
Wavelength:	850 nm / 1300 nm
10 Gigabit Ethernet Performance:	33 m / 300 m
1 Gigabit Ethernet Performance:	275 m / 550 m
Min Overfilled Launch (OFL) Bandwidth:	200 MHz-km / 500 MHz-km

**Mechanical Characteristics**

Min Bend Radius During Installation:	20x Cable OD
Min Bend Radius During Operation:	10x Cable OD

Max Tensile Strength During Installation:	11 N (50 lbf)
Max Tensile Strength During Operation:	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
F11001LC	Orange	612825287230

© 2019 Belden, Inc

All Rights Reserved.

Although Belden makes every reasonable effort to ensure their accuracy at the time of this publication, information and specifications described here in are subject to error or omission and to change without notice, and the listing of such information and specifications does not ensure product availability.

Belden provides the information and specifications herein on an "ASIS" basis, with no representations or warranties, whether express, statutory or implied. In no event will Belden be liable for any damages (including consequential, indirect, incidental, special, punitive, or exemplary damages) whatsoever, even if Belden has been advised of the possibility of such damages, whether in an action under contract, negligence or any other theory, arising out of or in connection with the use, or inability to use, the information or specifications described herein.

All sales of Belden products are subject to Belden's standard terms and conditions of sale.

Belden believes this product to be in compliance with all applicable environmental programs as listed in the data sheet. The information provided is correct to the best of Belden's knowledge, information and belief at the date of its publication. This information is designed only as a general guide for the safe handling, storage, and any other operation of the product itself or the one that it becomes a part of. The Product Disclosure is not to be considered a warranty or quality specification. Regulatory information is for guidance purposes only. Product users are responsible for determining the applicability of legislation and regulations based on their individual usage of the product.