



**Product:** [FI1I002L0](#)

Indoor LSZH/Riser OM1 Interconnect 2F DX DX MiniRound 2mm

### Product Description

FX Indoor OM1 Interconnect 2 Fibers LSZH/OFNR DX DX Mini-Round 2.0MM (250UM) Orange Jacket

### Technical Specifications

Part Number:	FI1I002L0
Construction Type:	Interconnect

### Product Overview

Environmental Space:	Indoor
Suitable Applications:	Indoor

### Construction

#### Fiber Cable Construction

Fiber Type	Fiber Count
OM1	2

Fiber Color Coding:	Blue, Orange
---------------------	--------------

#### Buffer Specification

Buffer Material
LSZH

Bulk Cable Weight:	2 lbs/1000ft
--------------------	--------------

### Jacket Specifications

#### Outer Jacket Material

Material	Nominal Diameter
LSZH	0.079 in (2 mm)

Outer Jacket Color:	Orange
OuterJacket1, Nominal Diameter:	0.079 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

#### 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
F11002L0	Orange

Update and Revision:	Revision Number: 0.46 Revision Date: 10-01-2019
----------------------	---

© 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.

# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Belden Wire & Cable:](#)

[F11002L0](#)