Product: FI5I002LB

Indoor Interconnect OM5 2 Fibers LSZH/OFNR DX Cord 2.0 mm (900µm)

Product Description

FX Indoor, Interconnect, OM5, 2 Fibers, LSZH/OFNR, DX Cord 2.0 mm (900µm), Lime Green Jacket

Technical Specifications

Product Overview

Product Category:	Fiber Interconnect Cable
Suitable Applications:	Short-distance indoor applications such as patching, inside cabinets, workstation equipment connections.

Fiber Specifications

Fiber Type:	OM5
Fiber Core Diameter:	50/125 µm
Fiber Diameter:	250 µm
Fiber Buffer Diameter:	900 µm
Fiber Count:	2
Fiber Color Coding:	TIA-598-D

Outer Jacket Specifications

Strength Member:	Aramid Yarns
Jacket Material:	LSZH - Low Smoke Zero Halogen (Flame Retardant)
Nom. Diameter:	0.078 in x 0.161 in
Outer Jacket Color:	Lime Green

Optical Characteristics

Wavelength	850 nm	1300 nm
Max. Attenuation	3.0 dB/km	1.0 dB/km
10 Gigabit Ethernet Performance	400 m	--
Min. Effective Modal Bandwidth (EMB)	4700 MHz.km	--
Min. Overfilled Launch (OFL) Bandwidth	3500 MHz.km	500 MHz.km

Mechanical Characteristics

Minimum Bend Radius During Installation:	15x Cable OD
Minimum Bend Radius During Operation:	10x Cable OD
Max. Tensile Strength During Installation:	220 N (50 lbf)
Max. Tensile Strength During Operation:	67 N (15 lbf)
Crush Resistance:	35 N/cm
Bulk Cable Weight:	5 lbs/1000ft (7.0 kg/km)

Temperature Range

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

Standards and Compliance

Environmental Suitability:	Indoor
Flammability / Reaction to Fire:	UL 1666, UL 1685, FT4
NEC / UL Compliance:	OFNR-ST1
CEC / C(UL) Compliance:	OFNR-ST1
ICEA Compliance:	S-83-596
TIA/EIA Compliance:	598-D
Telcordia Compliance:	GR-409
European Directive Compliance:	EU Directive 2015/863/EU (RoHS 2 amendment)

History

Update and Revision:	Revision Number: 0.73 Revision Date: 08-29-2025

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