SKY-LC-LC-3M9SMFLZ

3m LC to LC Yellow OS2 Duplex LSZH SMF Fiber Patch Cable

Product Description

This is a 3m LC to LC Yellow OS2 Duplex LSZH SMF Fiber Patch Cable. OS2 fiber optic cable is a high-performance single-mode fiber designed for long-distance data transmission, making it ideal for businesses requiring reliable and fast network connections over longer distances up to 200kilometers. With low signal loss and the ability to support 1G to 100G speeds, ensuring efficient communication across offices, data centers, or industrial facilities. LSZH (Low Smoke Zero Halogen) fiber cable jackets are designed to minimize toxic smoke and harmful emissions in the event of a fire, making them ideal for enclosed or high-traffic areas. These cables provide enhanced safety and environmental protection, making them a popular choice for businesses prioritizing workplace safety and eco-friendly infrastructure. The Standard Boot option provides reliable and straightforward connections for fiber cables, making it an economical choice for various networking applications. Ideal for businesses that require dependable performance without the complexity, this option ensures consistent data transmission in everyday network setups. Our cables are TIA compliant, ensuring performance for all networking needs.

Features

- LC/LC Male connectors
- 9/125 Single-Mode Fiber Patch Cable
- LSZH cable jacket type
- Yellow Jacket Color
- OS2 Rated
- Insertion Loss ≤ 0.2dB
- Return Loss ≥ 55dB

For your product safety, please read the following information carefully before any manipulation of the transceiver:

ESD

This transceiver is specified as ESD threshold 1kV for SFI pins and 2kV for all others electrical input pins, tested per MIL-STD-883G, Method 3015.4 /JESD22-A114-A (HBM). However, normal ESD precautions are still required during the handling of this module.

LASER SAFETY

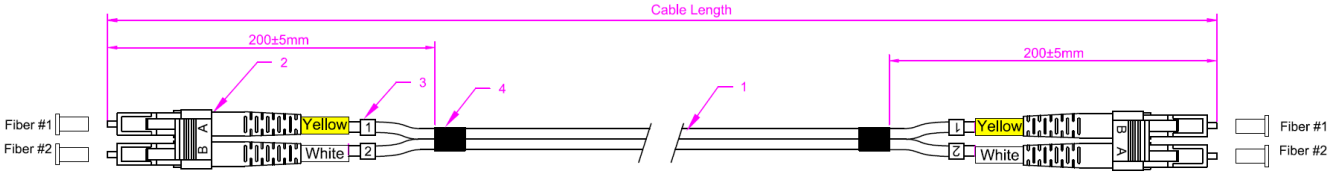
This is a Class1 Laser Product according to IEC 60825-1:2007. This product complies with 21 CFR 1040.10 and 1040.11 except for deviations pursuant to Laser Notice No. 50, dated (June 24, 2007).

The optical ports of the module need to be terminated with an optical connector or with a dust plug in order to avoid contamination.

General Specifications

Parameter	Specifications
Environment	Indoor
Fiber Type	SMF
Connector	LC (Male) to LC (Male)
Color	Yellow
Shielded	No
Strand Count	2
Cable Mode	Duplex
Jacket Type	LSZH
Termination Type	Crossover
Core/Cladding	9/125µm
Fiber Termination	UPC - Ultra Physical Contact
Polarity	Type A-B
Cable Type	OS2
Armored	No
Bend Insensitivity	G.657.A1
Connector 1 Ferrule Polish	UPC (Ultra Physical Contact)
Connector 2 Ferrule Polish	UPC (Ultra Physical Contact)
Insertion Loss Grade	Grade C
Fire Rating	General Purpose (OFNG)
Jacket Material	LSZH (Low Smoke Zero Halogen)
Outer Diameter	2.0mm
Connector 1 Boot Style	Standard Boot
Connector 2 Boot Style	Standard Boot
Connector 1 Color	Blue
Connector 2 Color	Blue
Insertion Loss	≤0.2dB
Return Loss	≥55dB
Cable Tolerance	
Cable Length < 1m	5cm
1m ≤ Cable Length < 15m	10cm
15m ≤ Cable Length < 30m	15cm
Cable Length ≥ 30m	Cable Length* 1%

Mechanical Specifications



Item	Quantity	Specifications
1	A/R	OD: 2.0mm, 9/125 G657A1, Duplex, Fiber Optic Cable, LSZH, Color: Yellow
2	2	LC/UPC SM 2.0mm Duplex Connector, Blue Housing, 19mm White Boot
3	4	Cable Marker
4	2	Black Shrinkage Tube

About Skylane Optics

Skylane is a leading provider of transceivers for optical communication.

We offer an extensive portfolio for the enterprise, access, datacenter and metropolitan fiber optical market as well as for smart home applications and home networks.

We cover the European, South American and North American market with a strong partner network and have offices in Belgium, Brazil, Sweden and USA.

Our offerings are characterized by high quality and performance. In combination with our strong technical support, we enable our customers to build cost optimized network solutions.

We offer an extensive range of high-quality products including transceivers (Optical and copper), Active Optical Cable (AOC), Direct Attach Cable (DAC), Mux/Demux, Coding Box.