C-LC-LC-5M9SMF
5m LC (Male) to LC (Male) Yellow OS2 Duplex Fiber OFNR (Riser-Rated) Patch Cable

Features

- LC/LC connectors
- 9/125 Single-mode patch cable (yellow)
- Fiber optic distributed data interface (FDDI) rated
- OFNR Standard. LSZH, OFNP, PVC, and Plenum Available upon request.
- PC polishing type standard. APC available upon request
- Insertion Loss (Typical): ≤ 0.5dB
- Insertion Loss (Maximum): ≤ 0.3dB
- Return Loss (Typical): ≥ 55dB



Product Description

This is a 5m LC (male) to LC (male) yellow duplex riser-rated fiber patch cable. OS2 is a standard single-mode optical fiber commonly used with wavelengths of 1310nm and 1550nm (9/125 microns), and has a maximum attenuation of 1dB/km. The OS2 standard is defined in ISO/IEC 11801. This optical fiber, nonconductive, riser (OFNR) cable is best suited for use in interior fiber-optic applications. A duplex cable is a two-strand fiber optic patch cable that works best with transceivers that both transmit and receive. Our patch cables are 100% compliant for all of your networking needs. Our products are guaranteed by federal law to not affect or void OEM warranties.

Specifications

Parameter	Specifications
Application	Patch
Cable Mode	Duplex
Color	Yellow
Connector	LC (Male) to LC (Male)
Core/Cladding	9/125µm
Fiber Termination	UPC - Ultra Physical Contact
Jacket Type	Riser
Length (ft)	16.4
Length (m)	5
Fiber Type	SMF
Standard	OS2
Strand Count	2
Media	Fiber
Termination Type	Straight

Type	Single-Mode		Multi-Mode	
Polishing	PC		APC	PC
Insertion Loss	≤0.2dB (Typical ≤0.1dB)			≤0.3dB/0.5dB (MTRJ)
Return Loss	≥45dB	≥55dB	≥60dB	≥35dB
Durability (500 Matings)			≤0.2dB Increase (Maximum)	
Operating Temperature	-20°C to 75°C			
Storage Temperature	-40°C to 75°C			

About ProLabs

Our experience comes as standard; for over 15 years ProLabs has delivered optical connectivity solutions that give our customers freedom and choice through our ability to provide seamless interoperability. At the heart of our company is the ability to provide state-of-the-art optical transport and connectivity solutions that are compatible with over 90 optical switching and transport platforms.

Complete Portfolio of Network Solutions

ProLabs is focused on innovations in optical transport and connectivity. The combination of our knowledge of optics and networking equipment enables ProLabs to be your single source for optical transport and connectivity solutions from 100Mb to 400G while providing innovative solutions that increase network efficiency. We provide the optical connectivity expertise that is compatible with and enhances your switching and transport equipment.

Trusted Partner

Customer service is our number one value. ProLabs has invested in people, labs and manufacturing capacity to ensure that you get immediate answers to your questions and compatible product when needed. With Engineering and Manufacturing offices in the U.K. and U.S. augmented by field offices throughout the U.S., U.K. and Asia, ProLabs is able to be our customers best advocate 24 hours a day.



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