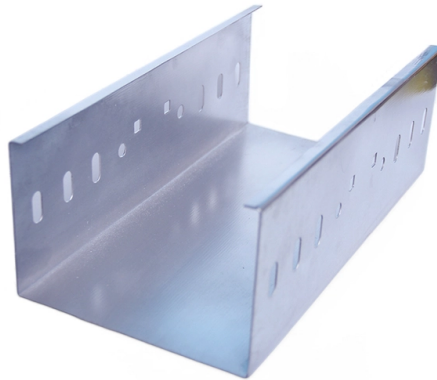


LC interface fiber optic transceiver with dual network ports



Overview

This product comes with dual LC interfaces, which can transmit distances from 300 meters to 100 kilometers, and fully complies with XFP MSA and IEEE 802.3ae protocol specifications and requirements. The XFP transceiver is a hot-pluggable serial-serial optical module that. An SFP duplex LC connector is a fiber optic interface used in many small form-factor pluggable (SFP) optical transceivers to enable full-duplex optical communication. Compact, industrial housing with SFP interface and LC duplex socket for immediate connection of a fibre optic patch cable to network devices. This guide provides a fully updated and industry-ready overview of LC fiber optics, explaining the origin and design of LC connectors, their key features, and the complete ecosystem of LC-based products used in modern networking. It covers LC connectors, LC patch cables, uniboot designs, armored. Moog Protokraft Razor series fiber optic transceivers with duplex LC interface consist of optoelectronic transmitter and receiver functions integrated into a surface mounted PCB assembly. ● Hot-swappable input/output device that plugs into a 100G Gigabit Ethernet Cisco QSFP port. ● Interoperable with other IEEE-compliant 100GBASE interfaces where. TRENDnet's SFP Single Mode LC Modules are compatible with standard SFP slots found on network switches and fiber converters. All TRENDnet SFP fiber modules.



Article Content

Our new SFP modules with LC duplex connection are compatible with

Compact, industrial housing with SFP interface and LC duplex socket for immediate connection of a fibre optic patch cable to network devices such as switches, routers or firewalls. Converts electrical

VIAMI FMBT Series LC/PC Duplex Patchcord Connector Adapter for

Driving the AI/ML Ramp with Fast, Versatile and Automated Transceiver and Patchcord Inspection The FVAM-2000 is the latest addition to the VIAMI Benchtop Fiber-Connector Microscope line. It is

Next-Generation Connectivity: The Rise of 800G OSFP 2*FR4 Optical ...

This is critical for 800G modules, which often operate at power levels between 14W and 16W. The optical interface utilizes a Dual LC port, allowing for a duplex single-mode fiber (SMF)

MPO & MTP® Cassettes: 2026 Guide for Data Center Optics

The MPO / MTP® cassette acts as the critical bridge in this physical layer topology. These modular enclosures transition high-density, multi-fiber trunk cables (parallel optics) into

HP SFP 10GB SR

For HPE Aruba J9150D 10Gb SFP + SR 300m OM3 Multimode Fiber Transceiver Module \$97.45 MOQ: 1 piece 100Mbps Ethernet PCIe 2.0 X8 Interface Dual Port SFP + 10Gb /s X520-DA2 Controller

LC Fiber Optics: A Comprehensive Guide

LC-LC fiber patch cable with two LC fiber connectors terminated at both ends is the most commonly used fiber optic cable type in the industry. Compared to other conventional connectors like

SFP Dual LC Optical Transceivers

This design guide provides the information needed to incorporate OptixCom's fiber optics transceiver products in the customer's system. The SFP series of the transceiver products are compliant with the

100GBASE QSFP-100G Modules Data Sheet

The Cisco QSFP 40/100 Gb dual-rate Bi-Directional (BiDi) transceiver is a pluggable optical transceiver with a duplex LC connector interface for short-reach data communication and

Small Form-factor Pluggable

Small Form-factor Pluggable Small Form-factor Pluggable connected to a pair of fiber-optic cables Small Form-factor Pluggable (SFP) is a compact, hot

Next-Generation Connectivity: The Rise of 800G OSFP 2*FR4 Optical ...

This specific 800G OSFP module features a Dual LC port interface. It essentially houses two 400G FR4 optical engines within a single OSFP shell, requiring two duplex LC fiber connections

High Quality 10G XFP Fiber Optic Transceiver Module Dual LC Port ...

Explore the details, specifications and video of our 10G XFP Optical Transceiver With DOM Function Compatible Dual LC Ports, and order high-quality 10G XFP Optical Transceiver With DOM Function

Dual Fiber LC (C17-C61) 10G DWDM SFP+ 40KM 80 XFP ZR ER

Key attributes Type Fiber Optic Transceivers Connector Type LC Power Source Dc 12V Use FTTX Network Wireless Lan Model Number SFP+ Brand Name wolck Place of Origin China Warranty Time

HP SFP 10GB SR

Factory Price 10G SFP + 1310nm 40km ER Transceiver Module Dual LC 10G SFP Fiber Optic Module for Telecom & Data Center \$7-95 Money-back guarantee MOQ: 1 piece

Optical Transceiver Market Size, Share, and Trends Analysis 2032

The global Optical Transceiver market size was estimated at USD 13.08 Billion in 2024 and is estimated to grow at a CAGR of 15.41% from 2025 to 2032.

Application of LC Duplex Connectors in Modern Fiber Optic Networks

They are frequently found in patch panels, transceivers, and media converters across a range of network environments. LC duplex connectors, which hold two fibers, are particularly favored for full-duplex

Razor Optical Transceiver

The Razor series of fiber optic transceivers with duplex LC connector interfaces support Fast or Gigabit Ethernet, fiber channel, sFPDP, ARINC 818, ARINC 664 and many other protocols for multimode

SFP Transceiver – SFP Single Mode LC Module (10km)

Each single mode SFP transceiver is equipped with a duplex LC fiber connection interface, and supports high-speed data rates up to 1.25Gbps. All TRENDnet SFP fiber modules support connections for

What Is an SFP Duplex LC Connector in Fiber Networks

Learn what an SFP duplex LC connector is, how it works in optical transceivers, and why it is widely used in fiber networks for reliable full-duplex communication.

LC Fiber Optics: Complete Guide 2026 to Patch Cables, Adapters,

This guide provides a fully updated and industry-ready overview of LC fiber optics, explaining the origin and design of LC connectors, their key features, and the complete ecosystem of

Genuine Transceiver Modules

GenuineModules is a reliable supplier of optical interconnect products for use in fiber optic networking, including optical transceiver modules, direct attach cables,

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://kilitech.co.za>

Email: info@kilitech.co.za

Phone: +44 20 7183 2649

Address: 1st Floor, The Shard, 32 London Bridge Street, London, SE1 9SG, United Kingdom

This document is for informational purposes only. Specifications subject to change without notice.

