

LC Interface Fiber Optic Transceiver Multimode



Overview

Hot-pluggable SFP LC transceiver compatible with an MSA compliant SFP slot
Compatible with multi-mode 850nm transmissions The multi-mode SFP supports networking for distances up to 550m (1804 ft.) SFP duplex LC connector This SFP LC module supports gigabit multi-mode fiber connections. LC Multimode Fiber Optic Transmitters, Receivers, Transceivers are available at Mouser Electronics. It allows fast data transfer through optical fibers which can be either single-mode or multimode. Small Form-factor Pluggable (SFP) transceiver module. SFP (Small Form-factor Pluggable) is a compact, hot-pluggable network interface module used to connect network devices (switches, routers, firewalls) to fiber optic or copper cables. Think of it as the “translator” for your network equipment, converting electrical signals into optical signals. 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.



Article Content

Boost Connectivity with Reliable optical fibre transceiver Solutions ...

Types of Fiber Optic Equipment There is a wide spectrum of optical fibre transceiver accessible, each meant to serve a particular purpose in a telecoms network. Among common forms are optical fiber

Verified Supplier Cisco Fiber Optic Router 8 Port Multiflex Trunk ...

10GBASE-SR SFP+ Optical Transceiver Module 850nm 300m Duplex LC Multimode Fiber DDM/DOM Support for Data Center Switches Routers \$3-4 MOQ: 100 pieces

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

Compare Base-8 vs Base-12 MPO/MTP® cassettes, analyze ultra-low loss budgets, and discover 2026 data center fiber breakout trends for 800G/1.6T environments.

Axis TD8912 SFP28 LC.SR.X Multi-Mode Transceiver | CCTV Network Fiber ...

Axis Communications TD8912 multi-mode SFP28 LC.SR.X transceiver designed for high-speed fiber network connectivity in surveillance systems. Ensures reliable data transmission for enterprise CCTV

MIKROTIK 100Gbps QSFP28 Fiber Optic Transceiver Module LC

Fiber optic | Maximum data transfer rate 100000 Mbit/s | Interface type QSFP28 | Fiber optic connector LC (UPC) | Maximum transfer distance 10000 m | Wavelength 1331 nm The MikroTik 100 Gigabit

Multi-mode optical fiber

Multi-mode optical fiber is a type of optical fiber mostly used for communication over short distances, such as within a building or on a campus. Multi-mode links can

SFP Fiber Optic Connector Types: LC, SC, MPO Explained

Explore common SFP fiber optic connector types, including LC, SC, and MPO/MTP. Learn their differences, use cases, and compatibility.

StarTech Multi-Mode (MM) LC Fiber Media Converter for

This fiber media converter offers an easy, cost-effective way to extend your network over Gigabit fiber. It is equipped with a multimode transceiver which converts a copper RJ45 Ethernet connection to

LWL ST Coupling MM Metal Sleeve Hamburg | europages

The Fiber Optic Transceiver is a critical component in optical communication systems, enabling bidirectional data transmission through fiber optic cables. The LWL ST Coupling MM Metal Sleeve

QSFP28 Transceiver: Complete 100G Connectivity Guide (2026)

QSFP28 transceiver guide covering module types, pricing, compatibility, and deployment. Learn how to choose, deploy, and troubleshoot 100G QSFP28 optics.

2Mbps 850nm Multimode 2km SFP IEEE C37.94 Optical Transceiver

2Mbps 850nm Multimode 2km SFP IEEE C37.94 Optical Transceiver with Duplex LC Connector Model No. CM85-2MF-3C-Tx-L FEATURES IEEE C37.94 application RoHS compliant

The Ultimate Guide to SFP Modules (2026): Types,

Confused by SFP vs SFP+? Read the definitive 2026 guide on SFP modules. We explain Single Mode vs Multimode, DDM diagnostics, and how to choose the

OK to use LC-LC Fiber Optic Couplers? : r/networking

I have some MTP Female to 4LC UPC Duplex 8 Fibers Type B OM4 50/125 Multimode breakout cables. The length after the 4x split is not long enough. Is there any fundamental argument against using LC

Cisco SFP Modules for Gigabit Ethernet Applications

The 1000BASE-LX/LH SFP, compatible with the IEEE 802.3z 1000BASE-LX standard, operates on standard single-mode fiber-optic link spans

SFP LC Connector: Everything You Need to Know

Summary: This article covers the basics of SFP LC connectors, including their role in fast data transfer through optical fibers, and explains key

Fiber Optic Transceivers: A Practical Guide for Network

Fiber optic transceivers are electro-optical devices that convert electrical signals used by network equipment (switches, routers, servers) into

Cisco GLC-SX-MMD 1.25G SFP Optical Transceiver 850nm MMF LC

· Part Number GLC-SX-MMD – Cisco SX SFP with Digital Optical Monitoring · 1.25 Gbps Data Rate – Stable Gigabit Ethernet optical connectivity · 850 nm Wavelength – Optimized for multimode fiber

What is QSFP & QSFP+ Transceiver: An Ultimate

40GBASE-LR4: LR4 stands for long reach four channels; it is based on CWDM technology and integrates four lasers into one LC interface,

SFP LC – SFP Multi-Mode LC Module (550m)

Long distance fiber networking for manufacturing, business parks, and school campus applications. Multi-Mode transceiver spans distances up to 550m (1804

LC Fiber Optics: Complete Guide 2026 to Patch Cables,

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

CM85-2MF-3C-Tx-L 2.048Mbps 850nm Multi-Mode 2km SFP LC

The optical transceiver module is a duplex LC connector designed to provide an IEEE C37.94 link for 2Mb/s applications. It provides up to 2km transmission distance over multi-mode fiber at nominal

Presyo ng Diskwento 40km Sc SFP Optical Transceiver

Ang JHA3903D ay isang napaka-compact na 10Gb/s optical transceiver module para sa serial optical communication applications sa 10Gb/s. Kina-convert ng JHA3903D ang isang 10Gb/s serial electrical

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

Optical Transceiver Market Size, Share & Forecast to 2034

An optical transceiver is a module in an optic-fiber network that can transmit and receive data. It relies on a transmitter and a receiver to convert electrical signals

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

China Trending Products Bidi Tx1490nm/Rx1550nm 80km LC

Mga Trending na Produkto Bidi Tx1490nm/Rx1550nm 80km LC - 1.25G Multimode 550m DDM | Dual Fiber SFP Transceiver JHA3405D - JHA

Contact Us

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