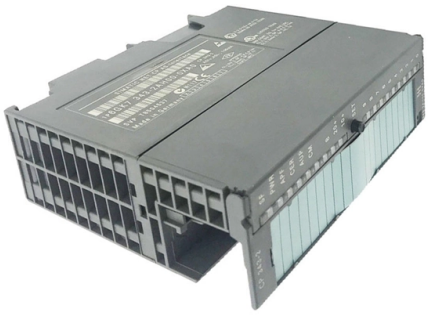
LC Interface Single-Fiber Transceiver



Overview

Hot-pluggable SFP transceiver compatible with an MSA compliant SFP slot Single mode fiber SFP compatible with 1310nm transmissions Supports networking for distances up to 20km (12. They do not define speed, distance, or protocol, but they determine how light enters and exits the SFP module and which. The SFP LC connector is a necessary part of fiber optic communication, used in switches, routers, and transceivers among other networking hardware. It allows fast data transfer through optical fibers which can be either single-mode or multimode. The industry-standard Cisco Small Form-Factor Pluggable (SFP) Gigabit Interface Converter (Figure 1) links your switches and routers to the network. The hot-swappable input/output device plugs into a Gigabit Ethernet port or slot.

Article Content

SFP LC Connector: Everything You Need to Know

The SFP LC connector is a necessary part of fiber optic communication, used in switches, routers, and transceivers among other networking hardware. It allows fast data transfer

The Meaning of LC in SFP Optical Modules

LC Interface：The LC interface is a small form-factor fiber optic connector widely used in high-density networking environments. It was developed by Lucent Technologies (now part of Nokia) and has

LC Singlemode Fiber Optic Transceivers – Mouser

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LC Singlemode Fiber Optic Transceivers are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for LC Singlemode Fiber Optic Transceivers.

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

Single Mode Fiber SFP – SFP Single Mode LC Module (20km)

TRENDnet''s single mode fiber SFP, model TEG-MGBS20, features a duplex LC fiber interface, supporting high-speed data rates for long distance networking applications (up to 20km).

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

Optical Transceiver SFP+ 10G Single-Mode Module 1310nm 10km LC

By carefully selecting a single-mode fiber SFP+ module with proper LC connectors, distance planning, and switch compatibility verification, engineers can ensure long-distance 10G

10G BIDI SFP+ LC Single Fiber Transceiver

The 10G BIDI SFP+ LC Single Fiber Transceiver is designed to operate within a standard temperature range of -20° to 70°C and features a Single LC interface.

100G QSFP28 ER4 40KM LC Optical Transceiver (EML)

100G QSFP28 ER4 LC optical transceiver delivers reliable 100GbE transmission up to 40km on single-mode fiber, compliant with IEEE 802.3ba standards. This hot-pluggable module features low power

Fiber Optic Transceiver Guide | PHILISUN

Understand fiber optic transceivers, including form factor, speed, wavelength, reach, connector, coding and cable matching.

100G QSFP28 ER4 30KM LC Optical Transceiver (EML)

The 100G QSFP28 ER4 optical transceiver delivers carrier-class performance for long-haul data transmission, supporting 100G Ethernet over single-mode fiber up to 30km.

OM1-OM5 vs Singlemode Fiber: Best for 2025 Data Centers | Vitex

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LC duplex connectors — two fibers, one for transmit and one for receive — are the standard interface for singlemode fiber and for multimode transceivers using WDM to carry multiple

TP-Link Gigabit SFP Module, Single-mode, MiniGBIC, LC Interface,

Home Active Equipment Transceivers, Modules & Accessories TP-Link Transceivers & Modules TP-Link Gigabit SFP Module, Single-mode, MiniGBIC, LC Interface, Up to 10km Distance Excellent 4.83 / 5

25G DWDM 15km Multi-Rate Tunable SFP28 with APD

DWDM, full band tunable C-Band, 100GHz spacing, Limiting APD, 24.33Gbps/25.78Gbps multi-rate transceiver, single mode, SFP+ footprint, 3.3V,

Cisco 40GBASE QSFP Modules Data Sheet

Cisco QSFP-40G-SR-BD (40G BiDi) The Cisco QSFP 40-Gbps BiDirectional (BiDi) transceiver (Figure 1) is a pluggable optical transceiver with a

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise

TP-Link Omada Gigabit SFP Module, Single-mode, MiniGBIC, LC Interface ...

Skip to the beginning of the images gallery Login for pricing In Stock: 121 Gigabit SFP Module, Single-mode, MiniGBIC, LC Interface, Up to 10km Distance

Cisco QSFP-100G-FR-S= network transceiver module Fiber optic

The QSFP-100G modules are our latest generation of 100G transceiver modules solution based on a QSFP form factor. Cisco QSFP-100G-FR-S The Cisco QSFP-100G-FR-S Module supports link

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