1sfp interface LC



Overview

The LC (Lucent Connector) is the dominant interface for modern networking. 25 mm ferrule, which is half the size of the older SC connector. High Density: Because of its small footprint, manufacturers can fit 48 or even 96 LC ports on a single 1U switch. Moxa's small form-factor pluggable transceiver (SFP) Ethernet fiber modules for Gigabit Ethernet provide coverage across a wide range of communication distances., which were issued prior to the conversion under the name Pepperl+Fuchs GmbH or Pepperl+Fuchs AG, also apply to Pepperl+Fuchs SE. Optical and copper models can be used on a wide variety of Cisco. High-Performance LC SFP Module: Connect a network switch, server, NIC, media converter with an SFP port to a Gigabit fiber network using this 1000BASE-SX SFP transceiver.

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Article Content

May 23, 2026

SFP Transceiver

Find Compatible Short codes in datasheet at Order Information area.

Apr 17, 2026

1.25G 1310nm 40Km CWDM SFP Optical Transceiver Module Single

1.25G 1310nm 40Km CWDM SFP Optical Transceiver 1.25G Single Mode Product Description GEZHI compatible 1.25Gpbs CWDM SFP transceiver supports up to 40km, 80km, 120km or 160km link

Dec 06, 2025

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

This approach supports scalable infrastructure while maintaining LC interfaces at the SFP port level. RJ45 (Copper Interface, Not a Fiber Connector) RJ45 is not a fiber optic connector but appears in

Nov 25, 2025

SFP Modules and accessories SFP-1FESLC-T by MOXA

MOXA SFP-1FESLC-T, SFP Interface Module with 1x100Base single-mode, LC Connector, 40km Supported, Extended Operating Temperature -40...85C. All kind of Industrial PC Qualified support

Oct 31, 2025

Optical Transceiver: SFP vs SFP+ vs QSFP28 vs QSFP-DD

Compare SFP, SFP+, QSFP+, QSFP28, and QSFP-DD optical transceivers. Learn differences, speeds, and best use cases for data center networks.

Jun 11, 2026

Cisco 1000BASE-SX SFP

Cisco''s industry-standard SFP is a hot-swappable input/output device that plugs into a Gigabit Ethernet port/slot, linking the port with the fiber-optic network. SFPs can be used and interchanged on a wide

Oct 20, 2025

MSA Uncoded SFP Module

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TESTED FOR COMPATIBILITY: Hot-swappable in MSA Compliant routers and switches; DDM support reports the transceiver''s status to most SNMP network management tools.

Dec 03, 2025

2Pair Gigabit Fiber SFP Module 1.25G Single Mode 40km LC

2Pair Gigabit Fiber SFP Module 1.25G Single Mode 40km LC 1310nm/1550nm Compatible with Multiple Types of Switches Description The Gigabit Fiber SFP Module comes with a personalized steel ring,

Dec 26, 2025

TP-Link Omada Gigabit SFP Module | 1000Base-LX

About this item Single-Mode MiniGBIC module, Supports full-duplex Wave Length: 1310nm. Data Rate: 1.25Gbps. Port Type: LC/UPC Max. Cable Length: 12.4miles

Apr 29, 2026

SFP-1GLXLC

SFP module with 1 1000BaseLX port with LC connector for 10 km transmission, 0 to 60°C operating temperature

Jul 19, 2025

SFP LC VS SC Connectors for SFP Transceivers

However, SFP LC transceivers are gaining traction, too. Time Saving: As LC connectors are half-sized than their SC counterparts, which helps saves time for

Aug 23, 2025

Differences Between SC and LC Connectors | LC vs SC

While both SC SFP module and LC SFP module serve the same purpose of establishing a connection between the network device and fiber optic

Feb 20, 2026

TN-SFP-LX Series

1000Base-LX Single Mode (LC) Applications include: Gigabit Ethernet Switches and Routers, Fiber Channel Switch Infrastructure, xDSL Applications, and Metro Edge Switching.

Sep 13, 2025

5 Pairs 1.25G BIDI SFP Single Mode Fiber Module

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5 Pairs 1.25G BIDI SFP Single Mode Fiber Module Network Transceiver, LX SM 1310nm 1550nm 20km, Simplex LC Interface for Switch,

Sep 02, 2025

SFP Transceiver SFP-1

Key Benefits at a Glance Certified for use with Ethernet-APL field switches in Zone 2 Class 1 laser product complies with EN 60825-1 SFP Multi-Source Agreement compliant Ethernet link up to 2 km

Feb 14, 2026

SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver

What Is SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver Module? SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver Module CISCO, HUAWEI,

Apr 17, 2026

SC SFP vs LC SFP Module: Which one should you

LC vs SC SFP: What is it? As the names refer, an LC SFP is a Small Form-factor Pluggable module with an LC connector. The vast majority of SFP

Nov 30, 2025

LC vs SC SFP Module Interface: 2025 Buying Guide for

Confused about the LC vs SC SFP module choice? We explain the physical differences, density benefits, and why Wolontek recommends LC for data centers

Dec 25, 2025

M-FAST SFP-SM/LC EEC Technical Data Sheet

Product Description SFP Fiberoptic Fast-Ethernet Transceiver SM with LC connector, extended temperature range

Nov 05, 2025

Our new SFP modules with LC duplex connection are

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,

Jul 29, 2025

SFP Modules and accessories SFP-1GSXLC by MOXA

MOXA SFP-1GSXLC, SFP Interface Module with 1x1000Sx, LC Connector, up to 1km(OM34) Supported. All kind of Industrial PC Qualified support Large stock

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Nov 12, 2025

1.25G SFP BIDI OPTICAL TRANSCEIVER MODULE

1.25G SFP BIDI Tx1550/Rx1490nm 120KM SMF DDM LC CISCO JUNIPER HUAWEI COMPATIBLE SFP OPTICAL TRANSCEIVER MODULE The SFP-BIDI transceivers are high performance, cost

Oct 13, 2025

Dual Fiber Module LC SFP Transceiver Hilinktech 10G SFP+ 1550nm

It adopts standard LC interface and standard SFP/SFP+ metal case and has good EMI/ESD performance. Hilink DWDM SFP/SFP+ optical transceiver series conform to the international

Oct 01, 2025

SFP LC Connector: Everything You Need to Know

What is an SFP LC Connector? Understanding the SFP Fiber Transceiver The SFP (small form-factor pluggable) fiber transceiver is a small,

Aug 04, 2025

Cisco SFP and SFP+ Transceiver Module Installation

This installation note provides the installation instructions for the Cisco small form-factor pluggable (SFP) and SFP+ transceiver modules. These

May 13, 2026

Cable Matters 2-Pack 1000BASE-SX SFP to LC

Convenient 2-Pack: Each package includes two LC fiber SFP modules for

Jun 19, 2026

Cisco SFP Modules for Gigabit Ethernet Applications

The GLC-GE-DR-LX SFP can interoperate with other 1G SFPs/interfaces as long as those are based on 1000BASE-LX/LH standard. No

Jan 26, 2026

Cisco Consumer Products

Cisco SFP (mini-GBIC) Module - 1 x LC/PC Duplex 1000Base-SX: This product is Guaranteed 100% Compatible with the Manufacturer Original. The industry-standard Compatible Cisco Small Form

Aug 22, 2025

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2 Paar Gigabit Fiber SFP-Module 1.25G Single Mode 40km LC

2 Paar Gigabit Fiber SFP-Module 1.25G Single Mode 40km LC 1310nm/1550nm Compatibel met Meerdere Soorten Schakelaars Beschrijving De Gigabit Fiber SFP-module wordt geleverd met een

Jun 11, 2026

GLC-MMD Cisco Alternative: 850nm SFP Technical Data

Dual-LC Duplex Connector Architecture To facilitate high-density networking, the GLC-MMD alternative features a Dual-LC duplex connector interface. This small-form-factor design uses a 1.25mm ceramic

Contact Us

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