

# Dual-fiber module lc interface



## Overview

Fiber communication relies on light transmission in one direction per core. A duplex LC connector pairs two fibers: One fiber handles Tx (transmit). Correct polarity (A-to-B) is essential. The connector integrates two LC (Lucent Connector) interfaces in a single compact housing, allowing one fiber to transmit optical. This 1550nm optical transceiver offers effortless, stable long-range connectivity for data centers and switches. CONQUER DISTANCE: 80km Long-Range Transmission Power Subheading Focus: Transmission Distance & Wavelength Distance limits many networks. Standard modules fail over long runs. Our 10G. This article explains what Duplex LC connectors are, how they work, the difference between single-mode and multimode use, how to choose and maintain them, and why they remain central to fiber network design. The transceivers effortle Transceiver for connecting fibre optic patch cables to industrial network switches with SFP interface, for different data rates, fibre types and wavelengths. Compact. If you are upgrading a network switch or deploying fiber to the home (FTTH), you will inevitably face the connector choice: LC vs SC. Choosing the wrong one can lead to costly restocking fees or project delays. GEZHI compatible 10Gbase SFP+ transceiver module supports up to SR 300m, LRM 220m, IR 2km, LR 10km, ER 40km, ZR 80km and 100km link lengths over LC duplex SMF fiber.

## Article Content

### QSFP-40G-ER4 Compatible 40G QSFP+ Transceiver 1310NM 40KM DOM Dual LC

This QSFP+ module is made up of four CWDM DFB TOSA and APD ROSA for enough link budget to 40KM transmission over single mode fiber with LC duplex connectors and an QSFP+ Interface for

### SFP Optical Transceiver Module LC 1.25G-LR Dual

The Cisco-compatible SFP transceiver provides up to 10km of 1000Base-BX throughput over single-mode fiber (SMF) using 1490nm-TX/1310nm-RX

### Hikvision HK-SFP+-10G-10-1310-DF 307400014 10Gbps 1310nm

Ang Hikvision HK-SFP+-10G-10-1310-DF 10Gbps SFP+ Module ay isang high-performance optical transceiver na idinisenyo para sa tuluy-tuloy na pagpapadala ng data sa malalayong distansya. Dahil

What is the difference between lc and duplex lc?

The duplex LC connector provides a compact and efficient solution for connecting two fibers together. It is commonly used in networking equipment such as

### China 2018 Mataas na kalidad na SFP+ Optical Module

Kung nais mong makakuha ng karagdagang mga katotohanan tungkol sa aming negosyo, Tiyaking makipag-ugnayan sa amin ngayon. 2018 Mataas na kalidad na SFP+ Optical Module - 1.25G Single

### 1Gbps SFP Fiber Optic Transceiver Module With LC Interface

1Gbps SFP Fiber Optic Transceiver Module With LC Interface Compatible With Multiple SFP Based Networking Devices : Amazon.ca: Electronics Single and Dual Mode Compatibility:

### 10G SFP+ dual fiber

GEZHI compatible 10Gbase SFP+ transceiver module supports up to SR 300m, LRM 220m, IR 2km, LR 10km, ER 40km, ZR 80km and 100km link lengths over

### Understanding Single Mode LC Connector: A

Discover the essentials of Single Mode LC Connectors in our comprehensive guide. Explore our range of fiber optic cables, including simplex

### LC vs SC SFP Module Interface: 2025 Buying Guide for

If you are upgrading a network switch or deploying fiber to the home (FTTH), you will inevitably face the connector choice: LC vs SC. While both are proven fiber

### 10G BiDi SFP+ Transceivers: SC vs. LC Interface Comparison

Learn the key differences between SC and LC interfaces in 10G BiDi SFP+ transceivers, including structure, space efficiency, and ideal deployment scenarios for data centers, enterprise,

What is the difference between lc and duplex lc?

LC vs. Duplex LC: LC is a single connector, while duplex LC is a dual connector configuration. The difference between LC and duplex LC connectors lies in their

What Is an SFP Duplex LC Connector in Fiber Networks

A duplex LC connector is a fiber optic connector configuration that combines two LC connectors in a single paired interface. Each connector

E2o Em212 Lp3ta Mt Fc Dual Rate 850nm Optical Fiber Transceiver Module

Get SFP E2O EM212-LP3TA-MT FC Dual Rate 850nm Optical Fiber Transceiver Module, Data Rate: 1 Gbps at best price in Pune, Maharashtra by Anand Computer Systems and more wholesale traders |

Mellanox MCX556A-ECAT Dual-Port 100GbE QSFP28 Ethernet

Guangdong, China model number MCX556A-ECAT Product name Network card Transfer Rate 100Gbps Slot type PCI Express 3.0 Optical fiber Optical fiber Bus speed and bandwidth 8GT/s X8

LC Fiber Optics: A Comprehensive Guide

LC fiber connector products are robust optical solutions designed for telecom applications, encompassing LC fiber connectors, patch cords, adapters,

Good Quality SFP Module - 155M Single Mode 20Km DDM | Dual Fiber

Ang JHA3220D Transceiver ay isang high performance, cost effective na module na mayroong duplex LC optics interface. Standard AC coupled CML para sa high speed signal at LVTTTL control at

Duplex LC Connector: Design, Fiber Types, and Best

This article explains what Duplex LC connectors are, how they work, the difference between single-mode and multimode use, how to choose and

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

Description & Details Summary The Gigabit Fiber SFP Module comes with a personalized steel ring, easy to use, plug and play LC interface for quick connection Thickened gold fingers, zinc alloy shell,

China 2018 Mataas na kalidad na SFP+ Optical Module

Mangyaring makipag-ugnayan sa amin para sa karagdagang impormasyon. 2018  
Mataas na kalidad na SFP+ Optical Module - 155M Single Mode 20Km DDM | Dual  
Fiber SFP Transceiver JHA3220D -

Understanding the Duplex LC Connector: The Go-To

Dive into fiber networking excellence with fibermall about. Explore the essential  
guide to the Duplex LC Connector. Elevate your connections!

What Is an SFP Duplex LC Connector in Fiber Networks

What Does Duplex LC Mean in Fiber Optics In fiber optic networking, the term Duplex  
LC describes a connector configuration that

Ciena Nortel 12400 Compatible 10GBASE-ZR SFP+ 1550nm 80km SMF LC

Ciena Nortel 12400 compatible optical transceiver is a dual fiber 10.3Gbps Small  
Form-factor Pluggable SFP+ module for use in 10GBASE Ethernet. SFP+ ZR provides  
10Gb/s throughput up to 80km over

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

Product Features Form Factor 10GDWDM Connector Duplex LC Type Fiber Optic  
Transceivers Place of Origin Guangdong China Use FTTX Max Data Rate 11.3Gbps  
Max Cable Distance 40KM80KM

10G 1550nm LC Interface Singlemode Dual-fiber SFP+ Optical Module

10G 1550nm LC Interface Singlemode Dual-fiber SFP+ Optical Module Upgrade  
networks with our 10G SFP+ 80km Module. This 1550nm optical transceiver offers  
effortless, stable long-range connectivity

Infineon 2gb Dual Rate Sfp Sx 850nm Optical Transceiver Module

- Supports reliable 1Gb and 2Gb dual-rate data transmission
- Designed for short-range multimode fiber connectivity
- Operates at 850 nm wavelength for stable optical performance
- Compact hot

QSFP28 100G LR4 (Dual-rate) | HiSilicon Optoelectronics

This module contains 4-lane optical transmitter, 4-lane optical receiver and module  
management block including 2 wire serial interfaces. The optical signals are  
multiplexed to a single-mode fiber through

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,

## Contact Us

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