

Huawei lc interface module



Overview

Huawei SFP-10G-LR is a carrier-grade SFP+ optical transceiver designed for 10G single-mode links up to 10 km. 652 fiber with LC connectivity. They cooperate with a breakout optical module to convert an MPO interface into multiple LC interfaces to facilitate fiber layout. The breakout function applies to a scenario where bandwidth resources are unevenly. Huawei offers a comprehensive portfolio of pluggable StarryLink optical modules for data center networks, with various models providing flexible plug-and-play solutions tailored to diverse interface requirements. It is a 7750 Transceiver Module with optical fiber transmission media, operating in the temperature range of $-40^{\circ}\text{C}\sim 85^{\circ}\text{C}$ and in the wavelengths of 850nm/1310nm/1550nm. 25Gb/s bidirectional connectivity over single-mode fiber, using a 1490nm transmit wavelength and 1310nm receive wavelength. The eSFP-GE-SX-MM850 optical module is a Huawei Gigabit multimode optical module with DOM/DDM support, which is packaged in an SFP package with a center wavelength of 850 nm.



Article Content

10 Gbit/s SFP+ Optical Modules

10 Gbit/s SFP+ optical modules apply to 10 GE optical ports. The wavelength can be 850 nm, 1310 nm, or 1550 nm, and the transmission distance ranges from 0.5 km (0.31 mi) to 80 km (49.71 mi).

OPTICAL MODULES FOR HUAWEI S SERIES SWITCHES

If a non-Huawei-certified switch optical module with improper edge connector size is used on an optical interface, electronic devices of the optical interface will be damaged by short circuits.

Fiber Breakout

Positioning Breakout fibers are used to flexibly allocate bandwidth resources to routers. They cooperate with a breakout optical module to convert an MPO interface into multiple LC interfaces to facilitate

Huawei OSG010005 1.25Gb/s 1490/1310nm CSFP LC Module

This CSFP transceiver delivers 1.25Gb/s bidirectional connectivity over single-mode fiber, using a 1490nm transmit wavelength and 1310nm receive wavelength through an LC interface.

Huawei eSFP-GE-SX-MM850 Gigabit Optical Module Overview

When used with multimode optical fiber (LC/PC-LC/PC OM2), the transmission distance can reach up to 550 m, the transmission rate is 1.25 Gbps, and the interface type is LC Duplex.

Optical Modules in General-Purpose Computing Scenarios

Huawei offers a comprehensive portfolio of pluggable StarryLink optical modules for data center networks, with various models providing flexible plug-and-play solutions tailored to diverse interface

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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

How To View Optical Transceiver Information On Huawei Switches

We connect Moduletek SFP-10G-LR transceiver to Huawei S6700 switch, and demonstrate how to view transceiver details on Huawei switches.

Huawei GLC-TE1550-80km SFP Optical Transceiver

High-speed Huawei SFP transceiver module for telecom & data centers.

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

The multimode SFP module with LC interface provides standards-based 1000BASE-SX Gigabit Ethernet over duplex LC multimode fiber for reliable short-reach links.

NetEngine 8000 X V800R023C10SPC500 Hardware Description

Positioning Breakout fibers are used to flexibly allocate bandwidth resources to routers. They cooperate with a breakout optical module to convert an MPO interface into multiple LC interfaces to facilitate

Fiber Breakout

To insert a breakout optical module (multimode and short transmission distance) into a board, use an MPO-LC fiber to directly connect the board and the optical module.

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

SFP-10G-LR, Huawei SFP+ Optical Transceiver, 10G,

Huawei SFP-10G-LR is a carrier-grade SFP+ optical transceiver designed for 10G single-mode links up to 10 km. Operating at a 1310 nm center wavelength and

Optical Modules for Huawei S Series Switches

A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper modules cannot ensure transmission reliability and may affect service

Breakout Boxes

Positioning Breakout boxes are used to flexibly allocate bandwidth resources to routers. They cooperate with a breakout optical module and optical jumper to convert an MPO interface into multiple LC

Huawei GE Optical Modules

Buy genuine Huawei GE optical modules from GenuineModules with best price and fast worldwide shipping.

Huawei SFP Module Price

Find huawei sfp module price and other fiber optic transceivers at our reliable supplier. High-quality, compatible, and affordable solutions for your network.

Huawei 02311KNU 100GBASE-LR4 10km 100G QSFP28 LR4

Huawei compatible 02311KNU QSFP28 optical transceiver modules from QSFPTEK equipped with LC duplex connectors that can transmit 10km through SMF OS2 fiber optic cable. This 100GBASE-LR4

10 Gbit/s SFP+ Optical Module

10 Gbit/s SFP+ Optical Module You can use different levels of 10 Gbit/s SFP+ optical modules only with 10 GE interfaces. The wavelength of these 10 Gbit/s SFP+ optical modules can be

Huawei OMXD30000 10G SFP+ Multi-mode 850nm

Huawei OMXD30000 10G SFP+ multi-mode 850nm 0.3km LC module ensures stable short-reach data center and campus links. Check specs and pricing now.

Contact Us

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