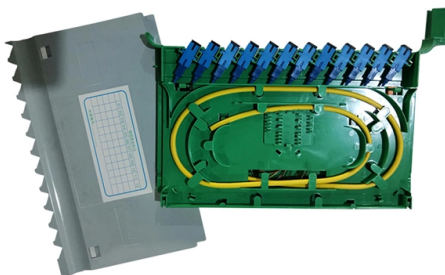


Huawei Optical Module Connector



Overview

Precautions for the loosened optical module When installing an optical module, force it into position. If a crack sound is heard or a slight tremor is felt, it indicates that the latch boss is secured.

Key Takeaways

Huawei optical modules primarily use LC (Lucent Connector) and MPO (Multi-fiber Push On) connectors, depending on the module type. Connector Types by Module SFP, SFP+, eSFP, XFP, SFP28: These small form-factor modules typically use LC connectors, which are single-fiber connectors suitable for both single-mode and multi-mode fibers. QSFP+ and QSFP28: These quad small form-factor modules generally use MPO connectors, which support multiple fibers in a single connector for high-density, high-speed applications.

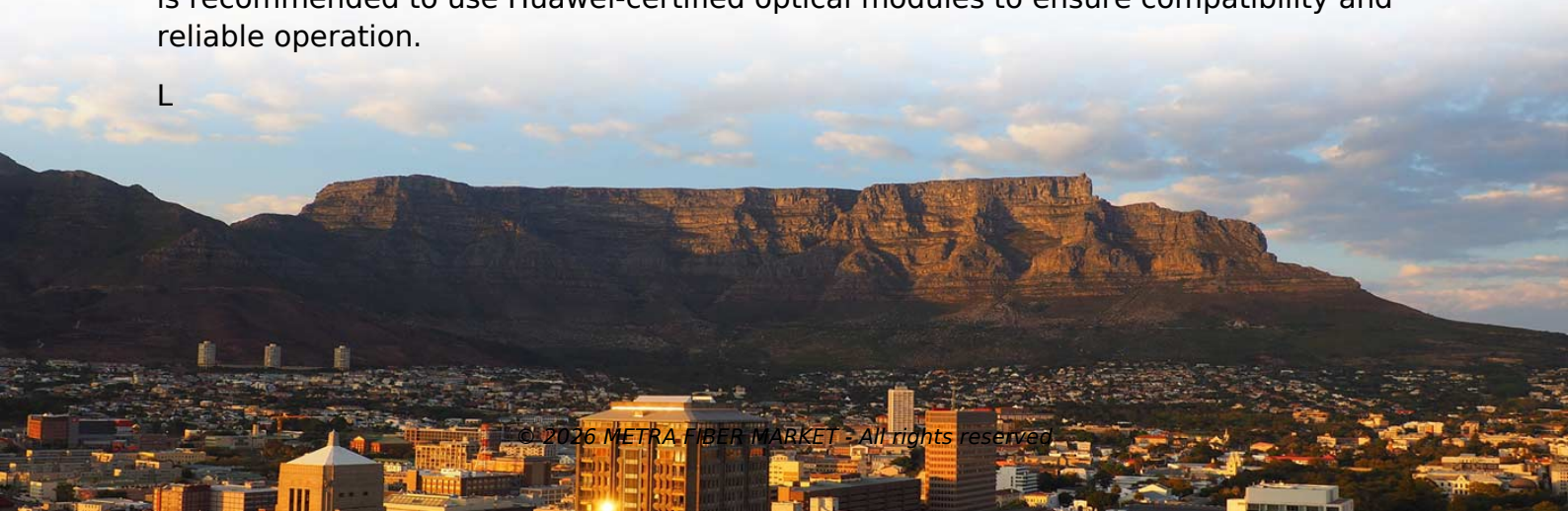
CF

P modules: Larger form-factor modules like CFP can also use MPO connectors for high-speed data transmission, particularly in 100GE applications.

Key Notes

Huawei S series switches and CE series devices support these connector types, but it is recommended to use Huawei-certified optical modules to ensure compatibility and reliable operation.

L



C connectors are widely used for 10G, 25G, and 40G links, while MPO connectors are preferred for 40G and 100G high-density links. Optical modules are hot-swappable, and the connector type determines the fiber cabling and patch panel requirements. In summary, when selecting a Huawei optical module, the connector type (LC or MPO) is determined by the module standard and intended data rate, with LC for smaller form factors and MPO for high-density, multi-fiber applications.

Article Content

Understanding Pluggable Optical Modules

Precautions for the loosened optical module When installing an optical module, force it into position. If a crack sound is heard or a slight tremor is felt, it indicates that the latch boss is secured. When the

Understanding Pluggable Optical Modules

If you cannot push the optical module into an optical module cage any further, the optical module is in good contact with the board connector. When installing a CFP optical module, push the module

01-10 OPTICAL MODULES

Huawei S series devices support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP, SFP, eSFP, and SFP+. All optical modules are hot swappable. SFP: small form

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.

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Optical Module Solutions for Huawei S5700/S5720 Series Switches

This article summarizes several solutions for using optical modules with switches and common problems encountered during usage, along with specific solutions.

Huawei Switches Viewing Optical Port Receiving and Sending

Use the command `display transceiver` to view the optical module information of all optical ports, and use the command `display transceiver interface interface-type interface-number` to view the

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25Gbps SFP28 BIDI Optical Module

125M~2.67Gbps eSFP DWDM Optical Module 10Gbps SFP+ Optical Module
1.25/9.953/10.3125Gbps SFP+ Optical Module 10Gbps SFP+ CWDM Optical Module
10Gbps SFP+ BIDI Optical Module

Optical Modules in Intelligent Computing Scenarios

Optical Modules in Intelligent Computing Scenarios In the AI era, Huawei provides a full range of GE to 800GE optical modules, featuring three major capabilities: Spanning (ultra-long transmission), Stable

Optic Modules Datasheet

Features and Benefits The following table lists the different pluggable optic modules and supported platforms, along with the technical specifications for each.

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modules reduce power consumption by ~2.5W per port For 2026 deployments,
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