

Huawei Communication Optical Module Model List



Article Overview

Huawei offers a wide range of optical modules including SFP, SFP+, QSFP+, QSFP28, CFP, and CFP2, supporting various speeds, wavelengths, and transmission distances.

Common Huawei Optical Module Types

1. SFP (Small Form-factor Pluggable) Modules

- Gigabit SFP Optical Module: 1.25 Gbps, supports single-mode (SM) and multi-mode (MM) fibers, typical wavelengths 850nm (MM) and 1310nm (SM), distances from 100m to 10km.

- eSFP: Enhanced SFP with monitoring capabilities for voltage, temperature, bias current, and optical power.

2. SFP+ Modules

- 10 Gigabit SFP+ Optical Module: 10 Gbps, supports LC connectors, single-mode or multi-mode fibers, distances from 300m to 10km.

- SFP-10G-LR: 10G, 1310nm, 10km, LC connector.

- SFP-10G-SR: 10G, 850nm, 300m, LC connector.

- SFP-10G-T: 10G electrical interface, RJ45, 30m.

3. QSFP+ Modules

- 40G QSFP+ Optical Module: 40 Gbps, MPO connectors, supports short-range (SR) and long-range (LR) transmission.

- QSFP-40G-SR4: 850nm, 150m, MPO.

- QSFP-40G-LR4: 1310nm, 10km, LC.

4. QSFP28 Modules

- 100G QSFP28 Optical Module: 100 Gbps, same interface size as QSFP+, supports LC or MPO connectors....

Article Content

Optical Module

Intelligent Optical Module OSC/OTDR Module Optical Performance Optical Communication Technologies Optical

What Are the Common Types of Optical Modules?

What Are the Common Types of Optical Modules? Classification by Transmission Rate To meet various transmission rate

10GE SFP+ Optical Modules

This document provides an overall description of the CE12800 series switches hardware, helping you obtain detailed information

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

Understanding Optical Modules

10GE SFP+ Copper Modules Accessories Understanding Optical Modules What Is an Optical Module Types of Optical Modules

HUAWEI Transceiver

What are the models of Huawei Gigabit optical transceivers? Huawei Gigabit optical transceiver models are: SFP-1.25G-LX10,

How To View Optical Transceiver Information On Huawei Switches

Optical transceivers are widely applied in switches, network cards, routers and other communication devices.

What Is StarryLink Optical Module? Why Do We Need It?

The StarryLink optical module is a core component developed by Huawei for data center networks. It delivers ultra

Huawei Optical Modules and Cables

Buy Genuine Huawei Optical Modules and Cables from GenuineModules with best price and fast worldwide shipping.

Types of Optical Modules

Provides detailed information about different types of optical modules and their applications in Huawei products.

Huawei Unveils StarryLink Optical Modules That ...

At MWC Barcelona 2025, Huawei introduced the StarryLink optical modules, aimed at creating a network experience

Fundamentals of an Optical Module

Fundamentals of an Optical Module As an important part of fiber-optic communication, an optical module is a photoelectric converter

What Is an Optical Module and Its FAQs (V300)

As an important part of fiber-optic communication, an optical module is a photoelectric converter which converts

Huawei Optical Module Common Models

Huawei's main business scope is switching, transmission, wireless and data communication telecommunication products, providing

Optical Modules in Intelligent Computing Scenarios

Huawei provides a full series of pluggable optical modules. A wide variety of modules give you flexible plug-and-play options for all

8 Pluggable Modules for Interfaces

To determine whether optical modules delivered for Huawei S switches before July 1, 2013 are certified ones, contact Huawei

Optical Terminal

The OptiXstar product series extends optical connectivity to every home, enterprise, and campus, bringing

Understanding Optical Modules

On an optical network, a sender needs to convert electrical signals into optical signals before sending them to a receiver, and the

Types of Optical Modules

Huawei S series devices support optical modules of the following encapsulation types: CFP, CFP2, QSFP+, QSFP28, XFP, SFP,

Huawei Optical Module Common Models

Optical modules are important devices in fiber optic communication systems. Huawei Optical Module is manufactured by Huawei

Understanding Pluggable Optical Modules

The following lists some common optical modules, which may not be supported by this product. The figures are for reference only.

Understanding Optical Modules

Pluggable Modules Specifications Appendix Understanding Optical Modules Optical Module Appearance and Structure Types of

Optical Transmission

Huawei GGSN, SSGN, PDSN, HSS, MSS, USN, UGW, MSC, BSC/BTS/DBS, SingleRAN wireless design and install, Optical

01-10 OPTICAL MODULES

Huawei S series devices support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP, SFP, eSFP,

Future All-optical Network Architecture and Key Technologies

Evolving towards the 2030 optical communications network system and architecture is a key issue facing the optical communications

Types of Optical Modules

Different physical layer standards are defined to allow data transmission in different modes. Therefore, different types of optical

Types of Optical Modules

Optical modules are encapsulated in different modes to provide different structures. Huawei routers support optical modules of the

Optical Modules in General-Purpose Computing Scenarios

Huawei offers a comprehensive portfolio of pluggable StarryLink optical modules for data center networks, with various models

Optical Transmission

Application Scenarios Industry Optical Communication Network Huawei's Industry Optical Communication Network uses the latest

Contact Us

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