

Huawei Gigabit Single-Mode Optical Module Parameters



Overview

Specifications Model S-SFP-GE-LH40-SM1550 (Huawei Part No. 02317347) Product Type Optical Transceiver Module Form Factor eSFP (enhanced Small Form-factor Pluggable) Data Rate 1. 25 Gbps (Gigabit Ethernet) Transmission Distance Up to 40 kilometers (1550 nm, single-mode fiber). Are Attenuators Required in the Case of Short-Distance Connection Using Single-Mode Optical Modules?

Why an Interface Does Not Enter the linkdown State When Its Receiving Power Reaches the Lower Threshold?

Does a Port Frequently Alternate Between Up and Down States When a Non-Huawei-Certified. Single-fiber bidirectional (BIDI) optical modules must be used in pairs. For example, SFP-10G-BXD1 must be used with SFP-10G-BXU1. If the SFP-10G-ER-1310 is connected. Huawei S series devices support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP, SFP, eSFP, and SFP+. SFP optical modules support LC fiber connectors. Its package type is SFP and the center wavelength is 1310nm. When this optical module is used with single-mode optical fiber (LC/UPC-LC/UPC OS2), the transmission distance can reach. The Huawei OSX010000 is a carrier-grade SFP+ optical transceiver designed for 10G backbone and aggregation links. With a wide operating temperature range.



Article Content

Optical Modules for Huawei S Series Switches

If an optical module is installed in a running switch, you can run the display transceiver command to view parameters of the optical module, including the center wavelength, transmission distance, fiber types

10GE SFP+ Optical Modules

Single-fiber bidirectional (BIDI) optical modules must be used in pairs. For example, SFP-10G-BXU1 must be used with SFP-10G-BXD1.

01-10 OPTICAL MODULES

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Huawei 02318170 Datasheet

Form factor: SFP+ Application standard: 10GBASE-LR Connector type: LC Optical fiber type: SMF Working case temperature [°C(°F)]: 0°C to 70°C (32°F to 158°F)
Transmission rate [bit/s]: 10 Gbit/s

Huawei S-SFP-GE-LH40-SM1550 Optical

Specifications Model S-SFP-GE-LH40-SM1550 (Huawei Part No. 02317347) Product Type Optical Transceiver Module Form Factor eSFP (enhanced Small Form-factor Pluggable) Data Rate 1.25

Analysis of Huawei SFP-GE-LX-SM1310 Gigabit Single-mode Optical

The SFP-GE-LX-SM1310 optical module is a Huawei Gigabit single-mode optical module that supports DOM/DDM functions. Its package type is SFP and the center wavel ...

OSX010000, Huawei SFP+ Optical Transceiver, 10G

With a wide operating temperature range from 0°C to 70°C and carefully specified transmit power, receiver sensitivity, and extinction ratio, the OSX010000 ensures

Huawei SFP-10G-LR Datasheet Overview

Quick Specs ... Product Details Huawei SFP-10G-LR provides these features: x/Rx Wavelength: 1310 nm. / 1310 nm. Media Type: Single-Mode iber (SMF) Optical Budget: 6 dB Max. Distance: 10 km

Huawei CloudEngine S6730-H-V2 Series 25GE Switches Datasheet

Huawei CloudEngine S6730-H-V2 Series 25GE Switches Datasheet Huawei
CloudEngine S6730-H-V2 series 25GE switches are next-generation enterprise-class core and aggregation switches that

Understanding Optical Modules: Types and Troubleshooting Guide

Optical Modules (also known as Optical Transceivers) are critical components in fiber optic communication systems. As the core optoelectronic devices operating at the Physical Layer of the

Cisco Compatible Optical Modules Catalog

EXECUTIVE SUMMARY This document serves as the definitive technical reference for the Cisco Compatible Optical Modules Catalog, encompassing a comprehensive portfolio of Small Form-Factor

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise wiring closet, and service provider transport

S310-48P4S

S200, S300, S500, and S600 Hardware Description This document describes all the configuration commands of the device, including the command function, format, parameters, views, default level,

100 Gigabit Ethernet

The 40/100 Gigabit Ethernet standards encompass a number of different Ethernet physical layer (PHY) specifications. A networking device may support different PHY types by means of pluggable

SFP28 □ A 25 Gbps small form-factor hot-pluggable optical module ...

The SFP28 optical module is a further advancement based on the SFP form factor, with a data rate of 25 Gbps, and shares the same physical dimensions as SFP+. SFP28 complies with the SFP28 Multi

Optical Modules Market Research Report 2034

The optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034, growing at a CAGR of 11.5%.

Optical Modules for Huawei S Series Switches

Multi-mode optical modules are applicable to short-distance transmission, while single-mode optical modules are applicable to long-distance transmission. Single-mode optical modules will be widely

Cisco SFP vs GBIC vs XFP vs SFP+: The Practical Optical

Wavelength: Defines the optical frequency (850 nm for short-range, 1310 nm for mid-range, 1550 nm for long-range). Connector Type: LC or SC, determining how the module interfaces

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This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

