

Huawei optical module incompatibility



Overview

Choose Diagnosis and O&M > Log and check whether optical module alarms are displayed. If no alarm is displayed on either end but the two interfaces are still down, collect detailed information and logs about the optical modules, and then replace the optical modules or. Two optical interfaces are interconnected through optical fibers. The optical modules and. ENTITYTRAP/3/OPTICALUNAUTHORIZED: OID The optical module was not certified by Huawei Ethernet Switch. (Index=, EntityPhysicalIndex=, PhysicalName=" ", EntityTrapFaultID=, EntityTrapReasonDescr=" ") An optical module installed on the device is not a. This article summarizes several solutions for using optical modules with switches and common problems encountered during usage, along with specific solutions. Huawei S5720-32P-EI-AC Switch II. The wavelength of the optical module needs to be matched at each end, and wavelength mismatch may cause data loss during transmission.



Article Content

Jan 10, 2026

Displaying Optical Module Information

When certifying an optical module, Huawei comprehensively verifies the functions of the optical module to ensure the optical module quality. The functions include the installation and removal, transmit and

Nov 20, 2025

Guidelines for Interoperability and Compatibility of

Due to the occasional incompatibility between certain brands of switches and optical modules from other suppliers, please ensure that your switch supports your

Jul 31, 2025

Optical Module Solutions for Huawei S5700/S5720 Series Switches

When using switches, we may encounter many confusions, such as what types of optical modules are needed for different models of Huawei switches, and how to resolve issues encountered

Jun 26, 2026

Optical Modules Fail to Communicate

Devices must use optical modules certified by Huawei. Those that are not certified by Huawei cannot ensure service reliability, and the corresponding optical interfaces may fail to go up.

Aug 19, 2025

Optical Transceivers / SFP Modules - High-Performance Compatible

Comprehensive Optical Transceivers & SFP Module for High-Speed Networks LINK-PP offers a full range of optical transceivers and SFP module for modern data centers, telecom networks, and

Jan 19, 2026

How to Identify Huawei-Certified Switch Optical Modules

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

Apr 15, 2026

Huawei enterprise switches

Huawei switches using non-certified optical module may not be able to read the information, can not guarantee the accuracy of the information read, recommend the use of Huawei certified optical

Jan 03, 2026

FAQs About Optical Modules

For details about the optical modules supported by optical ports on switches, see "Appearance and Structure" of a specific switch model in the Hardware Description. The following figure shows the

Aug 04, 2025

Breaking New Frontiers in AI Infrastructure: The Launch of the TS

Discover the details of Breaking New Frontiers in AI Infrastructure: The Launch of the TS-OPO8-858H-01C-V 800G OSFP VR8 Optical Transceiver at LonRise Equipment Co. Ltd., a leading

Jun 07, 2026

ALM-3276800044 An Optical Module Installed on the Device Is ...

If this optical module was delivered from Huawei earlier, run the transceiver phony-alarm-disable command to disable the alarm function for non-Huawei customized optical modules.

Dec 14, 2025

Top 5G Optical Module Market Companies

5G Optical Module Market Detailed Company Profiles 1) Huawei (Huawei Technologies Co., Ltd.) Overview: Huawei is a vertically integrated telecom infrastructure giant offering end-to-end 5G

Feb 18, 2026

Typical Troubleshooting Cases of Optical Module

General Optical Module Troubleshooting Procedure Check whether an optical module is a bogus one. An optical module delivered by Huawei is uniquely identified by an SN. If two or more optical

Dec 15, 2025

SFP+10GE-LH10-SM1310

SFP+10GE-LH10-SM1310 is a Huawei Compatible SFP+ Transceiver supporting 1.25-10.31 Gbps data rate in 10 km distance over Single-Mode Fiber SMF

Oct 13, 2025

Troubleshooting Optical Module Issues

Check whether the transmit optical power and receive optical power of the optical module are within the normal range. If the transmit optical power is beyond the normal range, replace the

Aug 01, 2025

Troubleshooting for Optical Modules on Huawei Switch

Check whether the optical module is Huawei-certified. If it is not certified by Huawei, replace it with a Huawei certified one. Remove and reinstall the optical module. ...

Jun 14, 2026

Telecom Optical Module Market Research Report 2033

The Telecom Optical Module market was valued at \$24.8 billion in 2025 and is projected to reach \$47.3 billion by 2033, growing at 8.4% CAGR.

Sep 23, 2025

Risks of Using Non-Huawei-Certified Switch Optical Modules

Some non-Huawei-certified switch optical modules are not designed in compliance with EMC standards and have low anti-interference capability. Additionally, they bring electromagnetic

Mar 22, 2026

8 Pluggable Modules for Interfaces

Non-certified optical or copper modules cannot ensure transmission reliability and may affect service stability. Huawei is not liable for any problem caused by the use of non-certified optical or copper

May 25, 2026

QSFP-DD-400G-SR4 Optical Transceiver 1. Summary

The Huawei QSFP-DD-400G-SR4 optical transceiver module represents a critical leap forward in short-range network solutions, delivering unprecedented bandwidth over multi-mode fiber

Mar 30, 2026

What Is an Optical Module and Its FAQs (V200)

The main causes of optical module failures are optical modules' performance deterioration due to ESD damages and optical links' unavailability incurred by optical bore contamination and damage.

Sep 05, 2025

Huawei SFP-GE-LH40-SM1310 Compatible 1000Base SFP Module

1000BASE-LX SFP 1310nm 40km DOM Optical Transceiver Module Compatible with Huawei SFP-GE-LH40-SM1310 Experience reliable long-haul connectivity with Rollball enterprise-grade Gigabit SFP

Nov 23, 2025

Optical Transceiver Manufacturer, Huawei S6720s

10G Optical module can support hot plug, and the maximum transmission distance can reach 80km, supporting DDM digital diagnosis and monitoring function. It is

Nov 09, 2025

200G Optical Module Market 2025

Which key companies operate in Global 200G Optical Module Market? -> Key players include Coherent, InnoLight, Cisco, Huawei, Accelink, Hisense, Eoptolink, and Intel, with the top 5 companies holding

Mar 28, 2026

Optical Module: Typical Optical Module Troubleshooting Procedure

Check the model of the faulty optical module. If it is not a Huawei-certified optical module, replace it with a Huawei-certified optical module. If the optical module is installed on a GE port, run the display

Aug 03, 2025

FAQs About Optical Modules

Are Optical Modules of Huawei Switches Interchangeable with Optical Modules of Other Manufacturers? No. Huawei S switches must use Huawei-certified S switch optical modules.

May 15, 2026

Optical Module: The Device Cannot Display Any Optical Module ...

Call Huawei global service hotline or contact software maintenance engineers to verify the software version. If allowed, reboot the device or power off and restart the device. Services on the device are

Jan 23, 2026

IdeaHub Board 2 | Education Display | Huawei Enterprise

HUAWEI IdeaHub Board 2 education display integrates teaching hardware and a software ecosystem to provide a one-stop smart classroom solution. Discover it.

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