

Huijue Switch Optical Module Issues



Overview

Problem: All optical ports cannot be connected, and the indicator lights are not on.

Solution: To solve this problem, you can follow these steps: Check if the fiber and optical modules are compatible. Single-mode/multimode fibers and single-mode/multimode optical modules cannot be. If the optical module is installed on a GE port, run the display interface GigabitEthernet x/x/x command to check information about the port, including the rate and wavelength. 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. This incident highlights the importance of proactive maintenance and monitoring. The method used to install a copper transceiver module is the same, except that the copper transceiver module connects to a network cable instead of optical fibers.



Article Content

Hot

01-08 INSTALLING AN OPTICAL MODULE

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 affect service

Mar 28, 2026 Hot

Typical Troubleshooting Cases of Optical Module

If possible, remove and reinstall the optical modules to check whether the fault is rectified. If the fault persists, run the reboot command to restart the switch or power cycle the switch, and check whether

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Troubleshooting Your Optical Transceiver: A

Optical transceivers play a crucial role in modern data communication networks, enabling the transmission and reception of optical signals across fiber

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Teach you to read the DDM information of the optical

Execute the command, display transceiver diagnosis interface [interface-type interface-number], display optical transceiver diagnostic

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Addressing SFP Failures: Fix Your Malfunctioning SFP

Have you ever plugged an optic SFP transceiver but discovered that the connection didn't work? SFP failure may be caused by several aspects. Here

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Summary of common problems and solutions when using optical

As a more sensitive optical device, optical modules sometimes have some problems during use. Below, ETU-LINK will list some common problems and solutions in the ...

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Introduction of Optical Modules on Huawei Switches

Introduction of Optical Modules on Huawei Switches On an optical network, a sender needs to convert electrical signals into optical signals before sending them to a

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Optical Module Application: Common Problems & Troubleshooting

Based on typical issues encountered with optical modules in daily switch applications, this document summarizes basic troubleshooting steps for resolving common faults:

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FAQs About Optical Modules

Non-Huawei-certified optical modules are not verified through interoperability tests with Huawei switches and may cause unexpected problems when they are used on Huawei switches.

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Demystifying Optical Transceiver Failures: Common

explores frequent optical transceiver issues and offers practical solutions, and highlight how LINK-PP optical module can mitigate risks.

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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

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Troubleshooting of Optical Transceiver Issues

Possible Cause The working rate, duplex mode, and negotiation mode of the two ends of the optical interface are different. The port does not match the optical module. The optical fiber does not match

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Huawei Switch Fan Issue Linked to Optical Module Failure

A recent routine inspection at a facility revealed abnormal behavior in a Huawei S12708 switch, where fans were operating at maximum speed (100% RPM) with excessive noise,

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Optical Module: Typical Optical Module Troubleshooting Procedure

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 interfaceGigabitEthernet x/x/x command to

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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

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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.

Feb 03, 2026 Hot

Troubleshooting and Repairing Optical Transceiver Failures in

SFP or SFP+ optical transceiver failure can happen in multiple recognizable ways.The most notable fault is the “module not detected” error, which describes a situation in which a switch

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Common problems and solutions for optical module

Q1: Use optical modules and fiber patch cord to connect Cisco switches and Huawei switches, and the light on the optical port does not light up.

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optical module Troubleshooting and Common Problems

Conclusion: Reducing Optical Module Failures Through Knowledge and Quality By thoroughly understanding common optical module problems and

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Troubleshooting Optical Module Issues

The optical module cannot be properly identified and optical module information cannot be obtained. After an optical module is inserted, the console port displays alarm information.

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Troubleshooting Optical Module Issues

Troubleshooting Optical Module Issues Symptom An optical port cannot go Up. The optical module cannot be properly identified and optical module information cannot be obtained. After

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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. If ...

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Checking the Optical Module Type

For the Huawei-certified optical modules, Huawei has added Huawei logo and identifier and changed the vendor information in the product elabel and optical module information into HUAWEI. When an

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Optical Interface Interconnection Is Abnormal on CE Switches

Replace the optical module and optical fiber preferentially. If a wavelength division multiplexing or transmission device exists on the link, remove the intermediate device to make the local and remote

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16 Tips to Troubleshoot Your Optical Transceiver Issues

The first thing you should do is re-plug the optical module into the switch slot and make sure it is firmly inserted. If the problem persists, please

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Contact Us

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