

Huawei switch configured but optical transmission not working

Overview

This document describes how to check the switch interface or port status and how to locate an interface physically down fault and restore the interface to the up state. Hardware failures: include hardware. Optical interface interconnection is abnormal on CE switches. The optical module model does not match. Check. 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. How to Configure Optical Ports on Huawei S5720-32P-EI-AC Switch?

Problem: All optical ports cannot be. A: on the premise that the equipment is working properly, we first need to eliminate the problem of the optical fiber line itself, and then check whether the state of the optical aperture is open, whether the optical fiber jumper is connected to the reverse, and whether the mode of the optical. We want to troubleshoot transceiver on Huawei router, Huawei switch, Huawei systems. from transceivers Check "Alarm information" section for warnings, LOS Alarm means no inbound signal, execute display this to check shutdown mode, execute undo shutdown if necessary.



Article Content

Aug 10, 2025

Common problems and solutions in the installation and use of optical ...

If the wavelength and speed of the optical transceiver and the switch do not match, you can try to change the optical

Apr 19, 2026

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

Apr 06, 2026

Common problems and solutions in the installation and use of optical ...

Problem and solution of lumen lamp not shining after installing light module Q1: The Optical transceiver and two pairs

Aug 31, 2025

What Can I Do If a Message Is Displayed Indicating that an Optical ...

What Can I Do If a Message Is Displayed Indicating that an Optical Module Is Not Supported During Stack Port Configuration? When

Nov 28, 2025

Optical Interface Interconnection Is Abnormal on CE Switches ...

After an SFP-GE copper or optical module is installed on a GE or 10GE optical interface, or a high-speed cable is

Dec 16, 2025

Configuring Attributes for an Optical Interface

The transmission medium type pre-configuration function can be configured on an optical interface only when the

Mar 17, 2026

Optical Module Solutions for Huawei S5700/S5720 Series Switches

This article summarizes several solutions for using optical modules with switches and common problems encountered

Apr 01, 2026

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

Aug 20, 2025

How to Troubleshoot A Fiber Optic Transceiver?

How to troubleshoot a fiber optic transceiver? This article will focus on how to troubleshoot and resolve transmission,

Dec 12, 2025

Troubleshooting of Optical Transceiver Issues

Possible Cause The working rate, duplex mode, and negotiation mode of the two ends of the optical interface are

May 22, 2026

Displaying Optical Module Information

When certifying an optical module, Huawei comprehensively verifies the functions of the optical module to ensure the optical module

Mar 12, 2026

Checking the Working Modes

Checking the Working Modes Check whether the working modes of two optical modules are correct, including the

Dec 22, 2025

Case Study: An Interface Does Not Go Up

If the alarm message "Non-Huawei-Certified Transceiver" or "Non-Huawei-Ethernet-Switch-Certified Transceiver" is

Feb 01, 2026

An Optical Module Does Not Send Optical Signals

If the fault persists, replace the optical module with a normal one of the same type to check whether the optical module is faulty. If the

Feb 25, 2026

Checking the Optical Module Type

When certifying an optical module, Huawei switches comprehensively verify optical module functions to ensure the optical module

Apr 25, 2026

Setting Optical Power Alarm Thresholds

The configured optical power alarm thresholds must be within the default range. The default optical power alarm thresholds are

Feb 11, 2026

How To Check If Interconnected Optical Ports Cannot Go Up?

If the problem is not caused by the optical modules, fibers, or intermediate device, connect the switch to another interface or replace

Sep 18, 2025

Troubleshooting Interface Down Problems

If the transmission medium does not match the interface, replace the optical module, optical fiber/cable, or copper cable to ensure

Jul 30, 2025

Troubleshooting Optical Module Issues

Troubleshooting Optical Module Issues Symptom An optical port cannot go Up. The optical module cannot be properly

Jul 08, 2026

Optical Module Troubleshooting

If there is a Huawei logo on the label, the optical module has been certified for Huawei data center switches. If not,

Jun 13, 2026

Optical Module Troubleshooting

Interfaces that use optical modules that are not certified for Huawei data center switches may be unable to go Up. If an optical

Nov 16, 2025

How To View Optical Transceiver Information On Huawei Switches

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

Feb 27, 2026

Case Study: A Switch Cannot Display Any Optical Module Information

Check whether the optical modules are certified for Huawei Ethernet switches. If not, contact the supplier of the optical modules.

Sep 05, 2025

An Optical Interface Cannot Go Up

An optical module with a longer transmission distance supports higher transmit power. If an optical module supporting a long

Aug 08, 2025

Troubleshooting S Series Switch Port and Interface Problems

In summary, after confirming that the transmission media (optical fibers or cables) are correct, check whether the working mode of

Apr 28, 2026

Common problems and solutions for optical module installation

A: Under the premise that the equipment is working normally, you need to troubleshoot the fiber line itself first, and

Jun 06, 2026

FAQs About Optical Modules

The switch must have optical modules certified for Huawei switches installed. Optical modules that are not certified for Huawei

Mar 05, 2026

How to Troubleshoot transceiver issue in Huawei switch/router/devices

Receiving power too high (Current RX Power > Default RX Power High Threshold):
May caused by using long

Oct 29, 2025

Typical Troubleshooting Cases of Optical Module

Procedure Check whether the optical modules are Huawei-certified ones. If not, contact the supplier of the optical modules. If

Jun 27, 2026

Optical Interface Interconnection Is Abnormal on CE Switches ...

If the distance is within the transmission distance of the remote optical module, check whether the optical module and

Feb 22, 2026

Huawei Optical Switch View Optical Module Commands

Taking the Huawei 5700 series switches as an example, the commands to view optical module information are as

Jun 06, 2026

Troubleshooting S Series Switch Port and Interface Problems

Non-Huawei certified optical modules cannot ensure transmission reliability and may affect service stability. Huawei is not

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://iiss.co.za>

Email: sales@iiss.co.za

Phone: +27 63 174 2895

Address: Unit 8, Innovation Park, 15 Rivonia Road, Sandton, Johannesburg, 2196, South Africa

This document is for informational purposes only. Specifications subject to change without notice.

