

# Huawei switch fiber optic port 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. This article helps network engineers and field technicians verify Huawei CloudEngine transceiver compatibility across common. 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. Perform a. 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. Optical modules are widely used in switches, network interface cards (NICs), routers, and other communication devices. During use, reading optical module information helps understand its real-time operating status, enabling faster troubleshooting of link abnormalities. 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

### Optical Module Solutions for Huawei S5700/S5720 Series Switches

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**Solution:** To solve this problem, you can follow these steps: Check if the fiber and optical modules ...

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

Receiving power too low (If Current RX Power < Default RX Power Low Threshold):

May cause port down or packet loss, check whether distance is too far that is over the limit of the module ...

### Troubleshooting S Series Switch Port and Interface Problems

**Introduction** 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. Major causes of the ...

### 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 this resolves the ...

### Huawei CloudEngine transceiver compatibility: SR vs LR, DOM, and ...

Learn how to validate Huawei CloudEngine transceiver compatibility with switch models, DOM support, and fiber types, plus pitfalls, costs, and a decision matrix.

### 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 the switch to check whether the problem is relevant to the ...

### Link but no connection with fibre, where to next?

Because devices connected to Switch A are still getting DHCP and the Link light is on for the SFP port, Switch A hasn't been replaced yet.

### Solved Problem with a Huawei Switch

If you want to change the port speed of the QSFP28 from 100GB to 40GB, you have to run the command “undo assign port-type 100ge all” in the system-view. This will change the port ...

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

First, we need to confirm whether the type of optical fiber jumper and optical transceiver is correct, and second, whether the optical fiber jumper is connected to the wrong side.

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How To Read Optical Module Information On Huawei Switches

The following uses the Moduletek SFP-10G-LR module connected to a Huawei S6700 switch as an example to introduce how to read information of the connected optical module on a Huawei switch.

## Contact Us

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