

## Huawei single-mode optical module fails to start



### Overview

The optical module is faulty or not securely installed. If the transmit optical power is abnormal, replace the optical module. Remove and. Based on typical issues encountered with optical modules in daily switch applications, this document summarizes basic troubleshooting steps for resolving common faults: 1. Check compatibility between the optical module and switch Most switch brands have specific compatibility requirements. An optical module was faulty. 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. If your Huawei CloudEngine links flap after an optic swap, the root cause is usually not “bad fiber,” but transceiver compatibility details like DOM signaling, transceiver vendor profile, and switch optics settings. The following summarizes the main reasons and solutions in the event of failure.

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Remove and reinstall the optical module. 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 fault persists, collect log ...



This article summarizes several solutions for using optical modules with switches and common problems encountered during usage, along with specific solutions.



Learn how to validate Huawei CloudEngine transceiver compatibility across optics, DOM, and firmware, with real deployment checks, pitfalls, and a decision checklist.



During the use of the optical transceiver module, various problems will inevitably occur. The following summarizes the main reasons and solutions in the event of failure.



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



Cause 12: The optical module failed to send signals. Services on the optical module may be affected, which may cause bit errors, error packets, or even service interruption.



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 ...



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 ...



Learn how to troubleshoot common SFP module issues including physical faults, hardware damage, compatibility, and configuration errors. This guide provides step-by-step solutions to maintain ...



A single-mode fiber can only be used with a single-mode optical module. A multi-mode fiber can be used with a single-mode optical module if the transmission distance is short.

## Contact Us

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