

Huawei switch optical module has no power



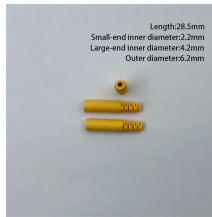
Overview

If possible, remove and reinstall the optical modules to check whether the fault is rectified. If not, run the display version command to check the software. Problem: All optical ports cannot be connected, and the indicator lights are not on. Perform a. 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.

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An Optical Module Has Normal Transmit Power but Many Packets Are Dropped on the Port Due to Bit Errors Use an optical power meter to check whether the receive power of the optical module is in the ...



Here is an example on how to query or display optical power of an interface in a Huawei Router. This is tested using NetEngine40E Universal Service Router or NE40E running version 8.x OS.



Have you ever experienced an unexpected network outage due to the failure of an SFP/SFP+ optical transceiver?



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.



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.



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Check whether the peer port is physically Up and whether there is no alarm indicating that the transmit power is too low. If so, perform an external loopback test on the interface.



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 ...



If the transmit power remains low, replace the optical module or install it in another optical port to check whether it is faulty. If the optical module is faulty, send it to Huawei for repair or ...



Before connecting the optical fiber to the optical module, measure the input optical power to ensure that the input optical power is within the normal range. Otherwise, the input optical power may be ...



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 ...

Contact Us

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