

What to do if Huawei switches have too much optical loss

Description: Huawei switches must use Huawei-certified optical modules. Non-Huawei-certified optical modules cannot ensure transmission reliability and may affect service stability. Huawei is not ...

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

This document describes hardware installation procedures of the S9300, S9300E, and S9300X series switches, troubleshooting methods for common hardware faults, and switch maintenance instructions.

In this case, install an optical attenuator on the remote optical module to reduce the transmit power. If the transmit optical power is low (Current TX Power has a smaller value than Default TX Power Low ...

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 ...

Applying too much force to the optical fibers may damage the optical module. If an optical module cannot be completely inserted into an optical port, turn the optical module over and try again.

If so, this fault is typically caused by high insertion loss of the connector or the bending of the optical fiber. If the fault persists, replace the optical module to check whether the fault is caused by the ...

Receiving power too high (Current RX Power > Default RX Power High Threshold): May caused by using long distance module in short distance, add Optical attenuators/Fiber optic ...

Optical modules are widely used in switches, network interface cards (NICs), routers, and other communication devices. During use, reading optical module information helps understand ...

Check whether the optical modules are Huawei-certified ones. If not, contact the supplier of the optical modules. If possible, remove and reinstall the optical modules to check whether the fault is rectified. ...

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