

# How to connect the 10 optical ports on a Huawei switch

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

View and Download Huawei OptiX OSN 3500 quick installation manual online. OptiX OSN 3500 switch pdf manual download.

All-optical Ethernet switches are a type of switch that provides optical uplink and downlink ports, making them an ideal choice for building an all-optical campus network. They can function as core, ...

Four SFP28 Ethernet optical interfaces (25GE by default) and two QSFP28 Ethernet optical interfaces (40GE by default) have been configured using the set device port-config-mode enable command.

When connecting two interfaces, you need to connect the TX and RX ends of one optical module to the RX and TX ends of the other optical module using two fibers.

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.

If an optical module is installed in a running switch, you can run the display transceiver command to view parameters of the optical module, including the center wavelength, transmission distance, fiber types ...

Use the command display transceiver to view the optical module information of all optical ports, and use the command display transceiver interface interface-type interface-number to view the ...

Connect the jumper to the corresponding ports on the HDF and hybrid optical-electrical switch. During the connection, ensure that the port numbers on the HDF are the same as those on the switch. ...

Connect optical fibers to the optical modules on the device, matching the numbers on the optical fibers to those on the ports. To connect them, align the fiber connector with the bores on the optical module ...

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