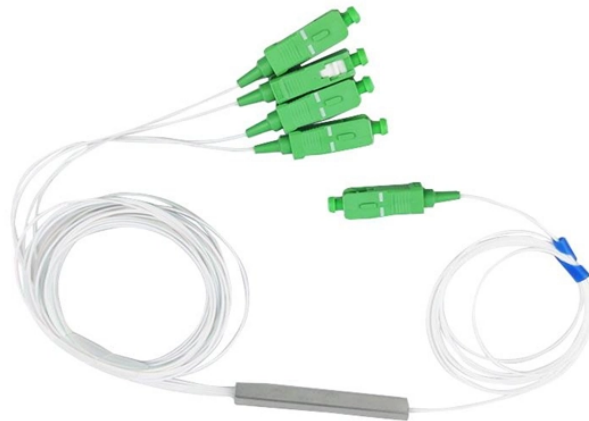


# Checking the received optical signal on an H3C switch



## Overview

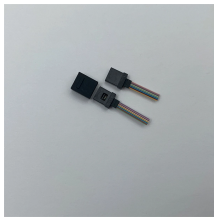
Run the following command to view the Digital Diagnostic Monitoring (DDM) data of the optical module: `show transceiver diagnosis interface <interface-type> <interface-number>` The output provides real-time diagnostic metrics and their corresponding threshold ranges. The following uses the Moduletek QSFP-40G-LR4 module connected to an H3C S6820 switch as an example to introduce how to read information of the connected optical module on an H3C switch. Figure 1 Schematic Diagram of Optical Module Connected to Switch 1.

- ☐ OK • Steady red—The Are the LEDs all displaying Visually check the status of ☐ Not OK switch has failed to. Page 9 • Port setting inconsistencies with the peer port. Optical transmission features low loss and is fit for long distance transmission. Thresholds that trigger a high.

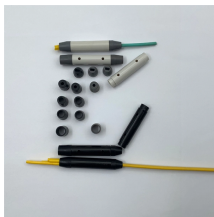
## Checking the received optical signal on an H3C switch



View the optical module information on Huawei switches and H3C switches through the command



Run the display transceiver diagnosis interface [ interface-type interface-number ] command to view diagnostic information about a specified optical module. This command displays the digital diagnostic ...



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By checking module health, compatibility, and digital diagnostics, you can quickly confirm correct installation, detect optical problems, and maintain accurate hardware inventory.



Displaying port isolation information From the navigation pane, select Switch Settings > Port Isolation. You can view port isolation information in the Port Isolation Info area.



Receiving sensitivity is the minimum optical power that is needed at the receiving end for the optical module to receive optical signals at a given data rate and bit error rate, in dBm.



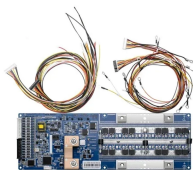
Display diagnostics data and alarms for Gigabit Ethernet optical transceivers (SFP, SFP+, XFP, QSFP+, or CFP) installed in EX Series Switches or QFX Series Switches. The information provided by this ...



In this guide, we will explain what optical signal strength is, how to check it on Cisco IOS using the command line, and how to troubleshoot common light level issues.



The Output Power (mWatt) field in the command output represents the optical module's transmit power. In contrast, the Input Power (mWatt) field indicates the received power.



View the optical module information on Huawei switches and H3C switches through the command



The following uses the Mduletek QSFP-40G-LR4 module connected to an H3C S6820 switch as an example to introduce how to read information of the connected optical module on an ...

## Contact Us

For more information, pricing, or custom data center solutions, please contact us:

Website: <https://yoahorroenergia.es>

Email: [hello@yoahorroenergia.es](mailto:hello@yoahorroenergia.es)

Phone: +233 54 318 7269

Address: Plot 28, Spintex Road, Accra, Greater Accra, Ghana

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