

# How to check the SN of an optical module



## Overview

Run the following command to view interface information: `display interface <interface-type> <interface-number>` The output includes interface rate, module type, link status (the state being UP is a prerequisite for normal operation) and traffic statistics, which can be used for. Run the following command to view interface information: `display interface <interface-type> <interface-number>` The output includes interface rate, module type, link status (the state being UP is a prerequisite for normal operation) and traffic statistics, which can be used for. 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.

Figure 1 Schematic Diagram of Optical Module Connected to Switch 1. Optical Module Status Check Run the. When the optical module on an interface is faulty, you can run the display commands to view information about the optical module. Related Information Video Identify a Huawei-Certified Optical Module Run the `display transceiver [ interface interface-type interface-number | slot slot-id ] [ verbose ]`. If you run fiber or copper uplinks in a small office, home lab, or data closet, SFPs (and SFP+) are the little parts that keep your

links alive. This guide gives a practical, CLI-focused workflow for checking SFP health and diagnostics on Cisco switches, shows the exact commands you'll use. Optical module identification and status monitoring are essential daily tasks for network engineers maintaining Cisco switching systems. Knowing how to view SFP module details helps network engineers verify installation, monitor performance, troubleshoot issues, and maintain. This article provides instructions on how to view the Optical Module Status on your switch through the Command Line Interface (CLI).

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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.



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 ...



Learn how to check SFP module health on Cisco switches. This guide covers essential CLI commands (show inventory, DOM), fixes for "unsupported transceiver" errors, and interpreting optical power levels.



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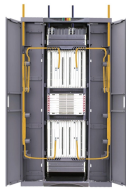
To check the details of an SFP module in Red Hat Enterprise Linux (RHEL), you can use the ethtool command. Use the following command to check the SFP module ...



To check the details of an SFP module in Red Hat Enterprise Linux (RHEL), you can use the `ethtool` command. Use the following command to check the SFP module details for a specific network interface.



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Small Form-Factor Pluggable (SFP) modules are essential transceivers used in Cisco switches and routers to connect devices via fiber or copper cables. Knowing how to view SFP module details helps ...



See the interface module via the optical display command information, including general information of the optical module, manufacturing information, and alarm information.



Taking the Huawei 5700 series switches as an example, the commands to view optical module information are as follows:



Learn Cisco commands like `show inventory` and `show interface transceiver detail` to monitor SFP modules, DDM metrics, and compatibility.



This article provides instructions on how to view the Optical Module Status on your switch through the Command Line Interface (CLI). The Cisco Small Business Series Switches allow you to plug in a ...

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