

How to find the ID of the optical transceiver switch



Overview

In the Privileged EXEC mode of the switch, use the show fiber-ports-optical-transceiver command by entering the following: I interface interface-id - (Optional) Specify an Ethernet port ID. Note: In this example, te1/0/3 interface is used. Port - The port number on. An SFP module is a hot-swappable transceiver that converts electrical signals into optical (or electrical, in copper variants) signals. It enables flexible connectivity between networking devices and supports different speeds, wavelengths, and distances. Most Cisco optics also support Digital. 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]. 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 network engineers verify installation, monitor performance, troubleshoot issues, and maintain. This guide gives a practical, CLI-focused workflow for checking SFP health and diagnostics on Cisco switches, shows the exact commands you'll use, explains what the numbers mean, and compares OEM (Cisco) vs third-party modules so you can pick the right SFP module supplier for reliability and cost. This article provides instructions on how to view the Optical Module Status on your switch through the Command Line Interface (CLI).

Article Content

Oct 04, 2025

SFF-8024 SFF Module Management Reference Code Tables

The following tables provide codes for the various electrical interface and optical or other media interface specifications that may apply to pluggable modules.

Sep 27, 2025

Displaying Optical Module Information

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

Jan 10, 2026

Physical layer

In the seven-layer OSI model of computer networking, the physical layer or layer 1 is the first and lowest layer: the layer most closely associated with the physical

Nov 19, 2025

XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM

The XG-SFP-LR-SM1310 is aligned to IEEE 10GBASE-LR optical specifications and supports a link length of up to 10 kilometers over a single-mode fiber (SMF) with an LC connector. It adopts the

Sep 13, 2025

How To View Port Status And Optical Module Information On Cisco

Additionally, identifying module information helps detect coding compatibility between the module and the switch. The following introduces the specific operations to view the working status

Aug 08, 2025

How To Read Optical Module Information On H3C Switches

Run the following command to read identification information for the optical module on the target interface: show transceiver interface <interface-type> <interface-number> The output includes

Apr 20, 2026

How To Read Optical Module Information On Huawei Switches

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

Oct 24, 2025

Ciena highlights 1.6T AI networking at OFC 2026 | CIEN Stock News

1.6T coherent optics, quantum-safe encryption and AIOps headline Ciena's OFC 2026 demos, boosting performance and scale for AI data networks.

Feb 21, 2026

How To View Port Status And Optical Module Information On

The following is an example of accessing MELLANOX SN2410 switch with SFP-25G-SR optical module of Moduletek to show you the specific operation of reading the information of the

Apr 25, 2026

How to Use Cisco Command to See SFP Module Details?

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

Aug 03, 2025

View the Optical Module Status on a Switch through the

This article provides instructions on how to view the Optical Module Status on your switch through the Command Line Interface (CLI).

Jun 14, 2026

IHT SFTG SFP Transceiver, Data Rate: 10Gbps

Indra Heera Technology - Offering IHT SFTG SFP Transceiver, Data Rate: 10Gbps at ₹ 12000/piece in Arrah, Bihar. Get SFP Optical Transceiver at lowest price | ID: 2857164627691

Aug 19, 2025

Physical layer

The physical layer defines the means of transmitting a stream of raw bits over a physical data link connecting network nodes. The bitstream may be grouped into

Sep 06, 2025

Cisco SFP Commands Cheat Sheet: Check Status

This guide gives a practical, CLI-focused workflow for checking SFP health and diagnostics on Cisco switches, shows the exact commands you'll use, explains

Feb 19, 2026

How To View Port Status And Optical Module Information On Cisco Switches

When optical modules operate on a switch, it is usually necessary to read the module's internal information to understand its working status—such as connection status and real-time

Aug 30, 2025

View the Optical Module Status on a Switch through the Command

Once the transceiver and fiber optic cable are plugged in properly in the switch optical module, you should be able to view the current information for the optical connection, which helps you manage

Feb 07, 2026

How To Check Sfp Module In Cisco Switch Command

In this case, the command "show inventory" can be used to determine the product ID of the module, which can be used to order a

Mar 12, 2026

How to Choose the Right Optical Transceiver in 2025

Learn how to select the right optical transceiver for your switch or router. Compare SFP, SFP+, QSFP28, Cisco SFPs, and Huawei modules with

Jun 26, 2025

Displaying Optical Module Information

Procedure Run the display transceiver [interface interface-type interface-number | slot slot-id] [verbose] command to view information about the optical module on a specified interface. Run the display

Jul 28, 2025

Teach you to read the DDM information of the optical

Today, ETU-LINK will introduce how to query the information of optical module on Huawei switch. Next, we will introduce the query instructions of

Dec 22, 2025

Teach you to read the DDM information of the optical

Execute the command, display transceiver diagnosis interface [interface-type interface-number], display optical transceiver diagnostic

Dec 16, 2025

what's the command to find out switch interface transceiver/cable ...

06-29-2009 01:02 AM it seems this command can show the transceiver's type, however is it possible to find out what kind of fiber (for example Multimode OM1, OM2, OM3, 50 or 62 micron?) is connected

Oct 29, 2025

Cisco Command to Check SFP Module Details

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

Mar 07, 2026

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Get the highest quality, performance-leading optical transceivers for any network architecture. Find the transceiver model to fit your network.

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How to Test Cisco Transceivers: NX-OS Compatibility

Master Cisco transceiver testing with NX-OS CLI commands. Step-by-step guide for compatibility checks, diagnostics, and troubleshooting network

May 10, 2026

Intelligent IoT Solutions

IoT building blocks & gateways, cloud-based device management, automated downtime managers: Lantronix IoT products and services help you connect smart!

Oct 15, 2025

Optical Transceiver Manufacturer,How to check optical

We will introduce how to query the information of optical module on Cisco switch. First, we need to connect to the network, and then log on to the management

Nov 04, 2025

Dell Networking X Series Switches: How to View Transceiver Details

Viewing Dell Networking X series switch transceiver information using the webGUI. This shows information for the Small Form factor Pluggable (SFP) interface, transmission faults, and signal loss

Feb 04, 2026

OPTICAL INFO CHECK COMMAND CISCO NEXUS

This command displays the details of the transceiver module installed in the specified interface, including its optical power levels, wavelength, and other

Sep 02, 2025

Transceiver commands for Dell 10G switch 8132F (N4032F)

Switch ports are SFP+ and Transceiver modules are SFP or SFP+ #show interfaces transceiver properties Yes: Dell Qualified No: Not Qualified N/A : Not Applicable Port Type Media

Contact Us

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