

# Optical module in place status



## Overview

Execute the following command to view detailed interface and optical module status: `show interface <interface-type> <interface-number>` Execute the following command to view detailed interface and optical module status: `show interface <interface-type> <interface-number>` When the optical module on an interface is faulty, you can run the display commands to view information about the optical module. The following GE SFP (1000Mbps) transceivers are supported: MGBSX1:1000BASE-SX SFP transceiver, for multimode fiber, 850 nm wavelength, supports up to 550 m. MGBT1:.

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 metrics like optical power and temperature. Additionally, identifying module information helps detect coding. As core components of optical communication systems, the proper installation and use of optical modules directly impacts network stability. Combining hardware principles with practical experience, it. This article provides instructions on how to view the Optical Module Status on your switch through the Command Line Interface (CLI).

## Article Content

Oct 01, 2025

How to view the optical module DDM information?

DDM (Digital Diagnostics Monitoring) is a feature that is included in optical modules, such as SFP, SFP+, QSFP, and QSFP+ transceivers. DDM provides detailed information about the optical

Nov 10, 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).

Aug 08, 2025

How To View Port Status And Optical Module

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

Mar 06, 2026

Displaying Optical Module Information

If the connected optical modules have the same wavelength and provide short-distance transmission but alarms indicating low or high optical power occur, the two optical modules may be from different

Mar 02, 2026

SG300 Optical Module did not Work

Diagnostic > Optical Module Status good way to check what's happening with SFP 4 . maybe a quick loopback test for a quick visual indication

Dec 09, 2025

View the Optical Module Status on a Switch

Article ID:5508 View the Optical Module Status on a Switch Objective The Cisco Small Business Series Switches allow you to plug in a Small Form-factor Pluggable (SFP) transceiver in

Apr 06, 2026

Huawei Enterprise Support Community

We're sorry but web site doesn't work properly without JavaScript enabled. Please enable it to continue. Loading

May 26, 2026

View the Optical Module Status on a Switch

Once the transceiver and fiber optic cable are plugged in properly in the switch optical module, the Optical Module Status page of the web-based

May 21, 2026

Optical module common faults and solutions

In this article, we will focus on teaching you how to troubleshoot and solve the common three categories of optical module failure. First, the transmission class of the optical module fault

Dec 08, 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

Sep 22, 2025

Optical Module Status

The Optical Module Status page displays the operating conditions reported by the SFP (Small Form-factor Pluggable) transceiver. The following GE SFP (1000Mbps) transceivers are supported:

Nov 27, 2025

Displaying Optical Module Information

The optical module cannot be installed in an optical interface because the optical module structure is nonstandard. The structure and size of some non-Huawei-certified switch optical modules do not

May 26, 2026

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

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

May 05, 2026

Coherent to Demonstrate 1.6T-DR8 and 800G-DR4 Transceivers at



## 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

Jun 17, 2026

## View the Optical Module Status on a Switch

Objective The Cisco Small Business Series Switches allow you to plug in a Small Form-factor Pluggable (SFP) transceiver in their optical modules to connect fiber-optic cables. Once the transceiver and

Jun 15, 2026

## Analyzing Abnormal Situations During Installation and Use of Optical

As core components of optical communication systems, the proper installation and use of optical modules directly impacts network stability. This article systematically identifies common

Dec 15, 2025

## Tech Talk - View the Optical Module Status on a Switch with CLI

In this edition of Cisco Tech Talk, I'll show you how to view the optical module status on a switch through the Command Line Interface also referred to CLI.

Jul 26, 2025

## How to View Optical Module Status on a Cisco Switch

In this Cisco Tech Talk, learn how to view the optical module status on a Cisco switch using the Command Line Interface (CLI). This video demonstrates

Jun 14, 2026

## Monitoring Optical Module Status

Hello, How we can get all the information presented in this image through command line (the target switch is cisco sf302-08pp) Thanks in advance.

Sep 14, 2025

## Optical Module: Typical Optical Module Troubleshooting Procedure

Use an optical power meter to test the receive power of the port and check whether the optical fiber is disconnected. Use one optical fiber to form a loop on the port to check whether the port goes Up. If

Jul 10, 2025

## Model GS7000 Hub/Node Local Control Module to Status Monitor

Introduction The Model GS7000 Node, Hub Node, and Optical Hub can be optionally equipped with either a Status Monitor (SM) or a Local Control Module (LCM). For complete instructions on installing

## Contact Us

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