

View fiber optic information on the switch



Overview

Run the following command to view basic identification information of the inserted optical module: `show fiber-ports optics-info <slot/port>` The output includes module type, part number, vendor name, serial number, transmission rate, and other information derived from the. Run the following command to view basic identification information of the inserted optical module: `show fiber-ports optics-info <slot/port>` The output includes module type, part number, vendor name, serial number, transmission rate, and other information derived from the. 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 fiber optic cable are plugged in properly in the switch optical module, the Optical Module Status page of. 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. 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. How to check fiber ports in cisco switch?

1. Connect to the Cisco switch using a console cable or through a remote management interface. Enter the privileged EXEC mode by typing "enable" and providing the enable. Digital Optical Monitoring (DOM) is a feature that allows for the real-time monitoring of various physical and operational parameters of fiber optic transceivers, such as transmit power, receive power, temperature, laser bias current, and voltage. This guide provides complete, step-by-step CLI commands to view module type, DOM/DDM diagnostic data.

Article Content

May 28, 2026

How to check fiber ports in cisco switch?

It's always important to ensure that the fiber optic modules are compatible with the Cisco switch to avoid any compatibility issues or performance limitations.

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View the Optical Module Status on a Switch

This article provides instructions on how to view the Optical Module Status on your switch.

Jan 07, 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 utility provides the current information for

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How To View Port Status And Optical Module

To monitor the operating status of optical modules installed on a switch, it is necessary to read the module's internal information, including link

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Solved: Fiber optic cable check command

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Cisco SFP Commands Cheat Sheet: Check Status

Learn how to check SFP module health on Cisco switches. This guide covers essential CLI commands (show inventory, DOM), fixes for "unsupported

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How to configure fiber optics on a Cisco switch

Viewing the status of SFP modules on a Cisco switch is a simple task, and it's important to ensure everything is working properly on your fiber optic network. With these commands, you can

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View the Optical Module Status on a Switch through the Command

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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Cisco Command to Check SFP Module Details

They connect switches, routers, and servers through fiber-optic or copper links, ensuring reliable communication between infrastructure layers. For

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Estink SFP Ethernet Fiber Optic Switch, 1000m Ethernet

Product description SFP Ethernet Fiber Optic Switch, 1000m Ethernet Fiber Optic Transceiver, 4 Optical Ports 2 Electrical Ports, 120km, with LED

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Digital Optical Monitoring

Digital Optical Monitoring (DOM) is a feature that allows for the real-time monitoring of various physical and operational parameters of fiber optic transceivers, such as transmit power, receive power,

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Troubleshoot Fiber Links on Catalyst 9000 Series Switches

Introduction This document describes how to troubleshoot fiber optic interfaces by addressing some of the fiber optic module and cabling specifications. Prerequisites Requirements

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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

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How To View Port Status And Optical Module

We have previously covered how to read optical module information on mainstream switch brands such as Cisco, H3C and Huawei. However, Fortinet uses a

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How to check fiber ports in cisco switch?

Use the "show interface transceiver" command to display detailed information about the fiber optic modules installed in the switch. This command will provide

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How to show interface transceiver details on Brand

Discover how to view interface transceiver details on different brands" ethernet switches Quickly troubleshoot faults and monitor in real-time.

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Solved: Testing fibre cables from a switch

Solved: Hi everyone, I have two new Cisco switches connected to each other with a fibre cable. Does anyone know any CLI commands to test the

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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

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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

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How to check fiber cable in cisco switch?

Solution: Clean the connectors, replace the cable if damaged, and use an optical power meter to check signal levels. In conclusion, checking fiber optic cables in a

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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

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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.

Nov 28, 2025

Optical Transceiver Manufacturer,How To Check Optical

Optical module identification and status monitoring are essential daily tasks for network engineers maintaining Cisco switching systems. This guide provides

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