

# The optical module card cannot be removed from the switch



## AI Overview

A stuck optical module can often be safely removed by powering down the switch, carefully releasing the latch, gently wiggling the module, and using minimal leverage if necessary, while avoiding excessive force.

**Step-by-Step Removal Procedure**

**Power Off the Switch** Before attempting removal, turn off the switch to prevent electrical damage and reduce the risk of harming the module or port. Allow the module to cool if it has been operating for a long time, as heat expansion can make it harder to remove.

**Disconnect Fiber Cables** Unplug all optical fibers from the module and cover the connectors with dust caps to prevent contamination. Release any locking clips on the fiber connectors before pulling them out.

**Release the Module Latch** Engage the module's latch or locking mechanism. If the latch is broken or malfunctioning, locate the small locking leg (top or bottom depending on the module type) and manually disengage it. For QSFP modules, check both left and right locking legs.

**Gently Wiggle the Module** While pulling outward, wiggle the module horizontally to ease it out of the port. Avoid pulling straight with excessive force, which can damage the port or module.

**Use Minimal Leverage if Needed** If the module remains stuck, carefully insert a small flathead screwdriver between the module and port housing to provide gentle leverage while continuing to wiggle. Take extreme care to avoid scratching or bending the port.

**Inspect and Clean the Port** After removal, check the port for dirt or debris. Use compressed air or a lint-free swab to clean the port before inserting a new module. Ensure the replacement module matches the original in wavelength and standard compliance.

**Additional Tips**

**Avoid Excessive Force:** Patience is key; forcing the module can permanently damage both the transceiver and the switch port.

**Check Module Functionality:** After reinsertion or replacement, verify the optical mo...

## Article Content

### Replacing an Optical Module

The CE12800E series switches must use Huawei data center switches certified optical modules. Non-certified optical modules cannot ensure transmission reliability and may affect service stability. Install

### How To Remove Sfp Module From Cisco Switch

Most of the Cisco switches have a rectangular or square-shaped cover above the module on the switch. Gently press or slide it to remove the cover and reveal the module.

Pulling out the optical module and shutdown interface causes the

Solve the problem of alarm indicator steady on by clear the alarm after it is confirmed that customer pull out the optical module and shutdown interface manually

### Troubleshooting Common SFP Module Issues

Learn how to troubleshoot common SFP module issues including physical faults, hardware damage, compatibility, and configuration errors. This guide provides step-by-step solutions to maintain

### Typical Troubleshooting Cases of Optical Module

If possible, remove and reinstall the optical modules to check whether the fault is rectified. If the fault persists, run the reboot command to restart the switch or power cycle the switch, and check whether

### Replacing an Optical Module

Use optical modules certified for Huawei data center switches. Non-certified optical modules cannot ensure transmission reliability and may affect service stability on the switch. Huawei is not liable for

### Microsoft 365 Roadmap | Microsoft 365

The Microsoft 365 Roadmap lists updates that are currently planned for applicable subscribers. Check here for more information on the status of new features and updates.

### Installing and Removing the SFP and XFP Modules

Ensure that you clean the optic surfaces of the fiber cables before you plug them back into the optical ports of another SFP module. Avoid getting dust and other contaminants into the optical ports of your

### Replacing an Optical Module

A switch must use optical or copper modules that have been certified for use on Huawei S switches. Non-certified optical or copper modules cannot ensure transmission reliability and may affect service

### Optical Module Application: Common Problems & Troubleshooting

Most switch brands have specific compatibility requirements, especially when using third-party optical modules. First verify that the module is compatible with your switch. You can confirm

DS110DF111: the SFP optical port fails to be inserted and removed ...

Hi Lucas, When the optical module is inserted and removed repeatedly and the optical port links down, the system needs to reboot before the optical module recovers Now, I will answer

### Cisco N9324C-SE1U NX-OS-Mode Switch Hardware Installation Guide

Do not remove the dust plugs from the SFP and SFP+ modules or the rubber caps from the fiber-optic cable until you are ready to connect the cable. The plugs and caps protect the module

### How to Install and Remove Optical Modules Safely

Small Form-factor Pluggable modules (SFP module) are the workhorses of modern network connectivity, enabling flexible fiber optic or copper links between switches, routers, firewalls,

### How to Install and Remove Optical Modules Safely

Install optical modules safely with ESD protection, proper handling, and dust control. Follow these steps to avoid damage and ensure network reliability.

### 7388X5 Series

The switch card module is accessible from the rear of the switch as shown in Rear Panels. Refer to the following figure for more details on the removal and replacement of the switch card module.

### A Step-by-Step Guide to Installing and Replacing SFP Modules

SFP modules are designed to be hot-swappable, meaning you can install or remove them from a switch, router, or network card without powering down the equipment.

### How to Remove SFP Module from Switch Step-by-Step Guide

Learn how to remove an SFP module from a switch safely and correctly. Step-by-step guide covering hot swap, latch types, stuck modules, and ESD protection.

### Checking the Optical Module Type

When certifying an optical module, Huawei switches comprehensively verify optical module functions to ensure the optical module quality. The functions include the installation and removal, transmit and

### Replacing an Optical Module

Rotate the handle of the optical module down, gently push the optical module, and then pull out the optical module by the handle, as shown in Figure 1-115. When installing a CFP optical module, hold

## Contact Us

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