

# How to enable the optical module after plugging it into the optical port

## Overview

Align the SFP module with the optical port and insert it horizontally, pressing firmly until the bottom of the module engages with the locking spring of the optical interface. Figure 1 SFP Optical Module Installation. 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, you should be able to view the. This section describes how to install optical transceivers on the SFP or SFP+ ports and connect them to the ports of the peer device using optical fibers according to the network plan. The USG supports both 1 Gbit/s, 10 Gbit/s, and 40 Gbit/s optical modules. The LED will only light up when all connections are properly established and functioning correctly. The installation process can be taken by the following instructions.



## Article Content

May 17, 2026

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 ...

Mar 15, 2026

View the Optical Module Status on a Switch through the Command ...

This section describes how to install optical transceivers on the SFP or SFP+ ports and connect them to the ports of the peer device using optical fibers according to the network plan.

Dec 12, 2025

Installing Optical Transceivers and Connecting Optical Fibers

This section describes how to install optical transceivers on the SFP or SFP+ ports and connect them to the ports of the peer device using optical fibers according to the network plan.

Jul 07, 2025

How to Install an SFP Module: Step-by-Step Guide

Learn how to install an SFP module correctly with step-by-step instructions, safety tips, hot-swap rules, and troubleshooting for reliable network links.

Jul 28, 2025

SFP Optical Transceiver Tutorial on Installation, Removal and ...

This optical transceiver tutorial will introduce how to install SFP module, how to remove SFP module, and give some insights on the operation precautions. Following these tips will maintain ...

Dec 02, 2025

How to Install or Remove SFP, SFP+, QSFP, and XFP Modules

To connect an optical cable to an SFP module, use the appropriate patch cord (e.g., LC-LC, SC-LC, etc.). The patch cord must match the fibre type – single-mode or multi-mode. Once ...

Aug 20, 2025

16 Tips to Troubleshoot Your Optical Transceiver Issues

The first thing you should do is re-plug the optical module into the switch slot and make sure it is firmly inserted. If the problem persists, please check the compatibility of the optical module ...

Feb 24, 2026

### Standard Troubleshooting for SFP modules and Media Converters

If the Tx port of the SFP module does not emit a red laser when plugged into the SFP slot, the SFP module or the SFP slot may be defective. It is advised to change to another SFP module or another ...

May 21, 2026

### Unveil the Secrets of SFP Module Installation and Removal

To extend the service life of the optical transceiver and prevent link failure, it is essential to follow the proper SFP installation and removal procedures as outlined in the tutorials above.

Jun 09, 2026

### Explanation Of SFP Optical Module Plugging And Unplugging ...

To use an SFP optical module, first confirm that the host port is SFP-type. Align the SFP module with the optical port and insert it horizontally, pressing firmly until the bottom of the module ...

Oct 26, 2025

### Basic SFP Troubleshooting Guide

This article is intended to provide a basic understanding and layer 1 troubleshooting steps in the event the case links do not come ON-LINE while using small form-factor pluggable (SFP) modules.

## Contact Us

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