

# Can optical modules be inserted into the stacking port



## Overview

These modules can be inserted into the stack module slot at the rear of the Cisco Catalyst 2960-X/XR and Cisco 3850/9300 Series Switches. These modules can be inserted into the stack module slot at the rear of the Cisco Catalyst 2960-X/XR and Cisco 3850/9300 Series Switches. Components: copper cables, optical modules and fibers, or active optical cables (AOCs) (For the stack cables applicable to different devices, see Stacking Support and Version Requirements. ) When installing or removing optical fibers, do not look into optical ports or connectors without eye. For fiber module, both ports must be configured as either network ports or stack ports. Online Insertion and Removal (OIR) is possible only with the same type of port. To connect a switch with a FlexStack module to a switch. Since DAC, AOC, and optical modules can all realize the stacking of switches, do you know when to use DAC or AOC?

When to use optical module + optical fiber jumper?

Firstly, let's talk about DAC, which is a cable assembly with fixed length and fixed modules at both ends. While the company offers. Switch stacking refers to combining multiple switch devices that support the stacking feature together to logically form a switch device.

## Article Content

Nov 12, 2025

### How to Choose Optical Modules for Switch Stacking?

Switch stacking refers to the combination of multiple switch devices that support the stacking feature, logically combined into one switching device. The main switch is

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### Installing Stack Cables and Powering On the Switch

Multiple physical member ports can be bound to a logical stack port to improve stack reliability and bandwidth. The stack will not split as long as one physical link is available between the member

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### RE: V400 Stacking with two X690 and 3rd party optic

"Currently, X690, X870, and X590 switches don't support AOC cable on stacking ports and the maximum supported length for DAC is 5 meter which is not sufficient for customers who prefer to

Oct 28, 2025

### Connecting Stack Cables

Select stack cables before connecting them. For details about the stack cables that apply to different ports on different switch models, see Stack Support and Version Requirements in the product

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### Explanation Of SFP Optical Module Plugging And Unplugging

Figure 1 SFP Optical Module Installation Diagram After installing the optical module, insert the corresponding fiber jumper horizontally into the module (multimode fiber for multimode

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### Stack Port and Cable Requirements

For details about cables and optical modules, see "Cables" and "Optical Modules" in the CloudEngine 9800, 8800, 6800, 5800 Series Switches Hardware Description. When setting up a stack, ensure that

Jan 24, 2026

### Can a 100G optical module be plugged into a 40G port?

A 100G optical module is an optical module with a 100Gbps optical signaling rate. Before discussing optical modules, it is important to understand

Sep 25, 2025

How to Install and Remove SFP Transceiver Modules? – Fiber Optic

Verify that the transceiver is securely inserted and seated in the port. After inspect and clean the fiber-optic end-faces, you can now remove the dust plugs from the SFP modules bores and

Apr 08, 2026

Switch stacking: choose DAC, AOC or optical module

Switch stacking is to combine multiple switch devices that support stacking features, and then use dedicated cables and modules to plug in ports

Dec 28, 2025

How to Select Optical Modules for Switch Stacking?

Switch stacking through optical modules can achieve high network reliability, large network data forwarding, and simplified network management.

May 15, 2026

Installing SFP+ transceivers and connecting cables

All SFP+ transceivers are keyed so that they can only be inserted into the ports in the correct orientation. Transceivers should slide easily into the port if aligned correctly.

May 24, 2026

What Is An SFP Port? The Ultimate Guide To Your

By plugging in different SFP modules (transceivers), you can turn that single port into: A fiber Optic port (for long-distance connections up to 100km). A Copper port

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Understanding SFP Port: A Guide to Gigabit Ethernet

A: An SFP module is a small form factor pluggable transceiver inserted into an SFP port. It converts electrical signals from the device into optical signals

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Example for Establishing a Stack Through Service Port Connections

To improve stack efficiency and reduce manual configuration, since V200R011C10, switches can set up a stack using dedicated stack cables. Service port connections are classified into ordinary and

May 17, 2026

### Switch Stacking Basic Setup and Configuration Steps

Cost: Switches that support stacking are often more expensive than non-stacking switches. Additionally, specialized stacking cables and modules can

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### Cisco Catalyst 1300 Series Stackable Switches Stacking Manual

To stack two or more devices, you must reconfigure the desired network ports as stack ports and then connect the switches with these stack ports in a ring or chain topology.

Oct 05, 2025

### How to Choose the Right SFP Cage for Your Setup

Select the best fiber optic cage by considering compatibility, port density, thermal management (heatsink options), light pipe integration, EMI

Aug 02, 2025

### What Is an SFP Module? Complete Guide

SFP modules, or Small Form-factor Pluggable modules, are essentially the workhorses of modern networking. They facilitate data

Jun 19, 2026

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

SFP and other optical modules are key components of any fibre optic network. They enable high-speed connections between active equipment and

Jun 14, 2026

### Cisco Stacking : All about FlexStack-Plus, FlexStack-Extended ( Fiber ...

These modules can be inserted into the stack module slot at the rear of the Cisco Catalyst 2960-X/XR and Cisco 3850/9300 Series Switches.

May 14, 2026

### What is Stacking?

A stack port is a port on the switch that is used to communicate with other switches in the stack. Depending on the model, a switch can have either preconfigured or user-defined stack ports.

Sep 27, 2025

### Fix ATI Qualified Modules Error

Resolve "Only ATI qualified modules supported" error on Allied Telesis switches. Learn about stacking ports, transceiver compatibility & recoding.

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### 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

Aug 30, 2025

### FlexStack-Extended

Two 10G SFP+ stack ports in the C2960X-FIBER-STK module can be converted to network ports. Using one port as uplink and the other as a stack port is not supported.

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### How to Choose Optical Modules for Switch Stacking?

The modules at both ends of the AOC can provide photoelectric conversion and have the function of optical transmission. Theoretically, the combination of AOC and 2

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### Solved: x590 how stacking and use of other ports

Hi I need to understand how can stack x590 model. From datasheet I don't understand nothing. There are n°1 port (QSFP) and n°2 port QSFP28, stacking is built with QSFP28 ports and it

Apr 20, 2026

### How to Install and Remove Optical Modules Safely

SFP modules only fit one way. Insert the Module: Carefully slide the SFP module straight into the port slot. Apply firm, even pressure directly along

## Contact Us

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