

# **Convert Huawei switch comb port to optical port**





## Overview

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Execute the command "combo enable fiber" in interface mode to switch to the optical interface; on the contrary, "undo combo enable fiber" switches to the default electrical interface state. When you enable the electrical or optical interface, configure the interface attributes (such as the rate and duplex mode) in the same interface view. Solution: To solve this problem, you can follow these steps: Check if the fiber and optical modules are compatible. There are four SFP28 Ethernet optical ports and two QSFP28 Ethernet optical ports on the panel of S5732-H24UM2CC (part number: .). For the S6730-H24X6C (part number: 02352FSG) and S6730-H48X6C (part number: 02352FSF) running.



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# Configuring the Working Mode of a Combo Interface

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If the local combo electrical interface is connected to a remote electrical interface, configure the combo interface to work in copper mode. If the local combo optical interface is connected to a remote optical

## Changing the Working Mode of an Interface and Splitting the Interface

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You can run the `set device port-config-mode enable` command to change the working mode of SFP28 Ethernet optical ports on the device panel and change the working mode of QSFP28 Ethernet optical



## Huawei Switches Viewing Optical Port Receiving and Sending

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Use the command `display transceiver` to view the optical module information of all optical ports, and use the command `display transceiver interface interface-type interface-number` to view the

## What Can I Do If a Message Is Displayed Indicating that an Optical

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This field indicates whether the rate of the optical module installed on the port matches the port rate. For example, if a non-XGE optical module is installed on an XGE port, the rate of the optical module

## Ethernet Interface Configuration Commands

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Four SFP28 Ethernet optical interfaces (25GE by default) and two QSFP28 Ethernet optical interfaces (40GE by default) have been configured using the set device port-config-mode enable command.

## combo-port

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**combo-port Function** The combo-port command configures the working mode of a combo interface. The undo combo-port command restores the default setting. By default, a combo interface works in auto

## how to display power of optical module

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Let's take Huawei's S3328TP-SI switch as an example. This switch has 2 combo ports, which can be changed either to optical or electrical mode.



## AOC, DAC, Fiber Optic Transceivers , One-Stop Shop

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Fiber Optical Cable OM3 Duplex OM5 Duplex OS2 Simplex MPO-MPO Extension QSA (40G/100G) SFP+/QSFP Extension Loopback SFP+/SFP28 Loopback Fiber

## How To Switch Optical-Electrical Mode On Huawei

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Execute the command "combo enable fiber" in interface mode to switch to the optical interface; on the contrary, "undo combo enable fiber" switches to the default

## Example for Configuring a Combo Interface

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You can use the electrical or optical interface according to networking requirements. The electrical and optical interfaces share one interface view. When you enable the electrical or optical



## **Mixed-signal and digital signal processing ICs , Analog**

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## **Example for Configuring a Combo Interface**

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You can use the electrical or optical interface according to networking requirements. The electrical and optical interfaces share one interface view. When you enable the electrical or optical interface,

## **FAQ-How to determine whether the switch physical interface is combo**

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Combo ports are optical opto-electronic complex interface, can switch electrical port mode and optical port mode in need . 1. How to determine the switch physical interface is Combo port? (1) Through the

## **What Does Combo Port Mean for Ethernet Switch?**

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Network switch combo port consists of two kinds of Ethernet interfaces - RJ45 port and SFP port. Here explains how to use combo ports on an

## **What Is an All-Optical Ethernet Switch?**

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All-optical Ethernet switches are a type of switch that provides optical uplink and downlink ports, making them an ideal choice for building an all-optical campus network. They can function as



## How to identify a combo port on a switch

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Run the display interface command to display the combo port. You can run the combo-port command to set the working mode of a combo port. COMBO AUTO: The combo port

## Troubleshooting for Optical Modules on Huawei Switch

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When connecting switches through optical ports, pay attention to the following points: The optical modules used on both ends must have the same wavelength. The

## Optical Module Solutions for Huawei S5700/S5720 Series Switches

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When using switches, we may encounter many confusions, such as what types of optical modules are needed for different models of Huawei switches, and how to resolve issues encountered

## how to display power of optical module

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Let's take Huawei's S3328TP-SI switch as an example. This switch has 2 combo ports, which can be changed either to optical or electrical mode. display elabel

## combo-port

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If you have specified the interface attributes (such as auto-negotiation mode, rate, and duplex mode) on a combo interface, the system may automatically generate the port media type fiber and port media



## How to Switch Optical-Electrical Mode on Huawei Router Combo

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By default, the Combo interface works in 2.5GE electrical interface mode, execute the command "port combination-mode 10GE interface interface-name" in global view to switch to 10GE

## Optical Fiber

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To connect a fiber, align the optical connector with the optical port and gently insert the optical fiber into the port. To remove a fiber, press the clip on the connector and pull the fiber out.

## Optical Module Solutions for Huawei S5700/S5720 Series Switches

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This article summarizes several solutions for using optical modules with switches and common problems encountered during usage, along with specific solutions.

## combo-port

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The electrical and optical interfaces of a combo interface use the same interface view. You can enable the electrical or optical interface, and configure interface attributes such as the rate and duplex mode

## Example for Configuring a Combo Interface

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S12700 and S12700E Series Agile Switches Typical Configuration Examples Example for Configuring a Combo Interface Overview A combo interface consists of a GE electrical interface and

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