

# Can Huawei S2300 use a 1550 optical module



## Article Overview

The Huawei S2300 switch can only reliably use Huawei-certified optical modules, and using a 1550 nm module requires verification of certification.

### Compatibility Overview

The Huawei S2300 series supports SFP optical modules for fiber connections, but not all optical modules are guaranteed to work. Huawei requires that switches use certified optical modules to ensure transmission reliability and service stability. Non-certified modules, even if they match the 1550 nm wavelength, may cause network issues and are not supported by Huawei .

### Optical Module Types

1550 nm modules are typically used for long-distance single-mode fiber transmission. Huawei classifies optical modules by form factor and speed:

- SFP: Standard small form-factor pluggable modules, including 1000BASE-LX for 1550 nm single-mode fiber.
- SFP+ / XFP / SFP28: Higher-speed modules (10G or above), generally not supported on S2300, which is a 1G switch . The S2300 switch is designed for 10/100/1000 Mbps Ethernet ports with SFP uplinks, so it can support 1G SFP modules that operate at 1550 nm, provided they are Huawei-certified ....

## Article Content

Huawei 02310SNN Datasheet

Huawei 02310SNN Datasheet Huawei SFP-10G-ZR 10GBase-ZR Optical Transceiver, SFP+, 10G, Single-mode Module (1550nm,

Huawei S2300 S2309TP-SI, S2309TP-EI, S2318TP-SI, S2318TP-EI

The S2300 uses the Huawei patented built-in surge protection technique. This technique protects devices against lightning in terrible

Huawei LS-S2309TP-EI-DC Overview

Can I use compatible SFP/SFP+ module on Huawei S2300 switch? Yes, but the switch may generate alarm, however,

Checking the Optical Module Type

The selected optical modules must be supported by the optical interfaces. Check whether the optical module used on the switch is

Quidway S2300 Switches Q

Quidway® S2300 switches (S2300 for short) are next-generation Ethernet intelligent switches developed by Huawei services a

Huawei S2300 Knowledge Base & FAQ-Huawei

Listings 0-20 (out of 23411) Here are the troubleshooting cases and FAQs for Huawei S2300 products. Get your solutions if you have

Huawei S2300 Series Switches

The S2300 supports multiple VLAN division modes: port-based VLAN division (you can specify the VLAN to which a port belongs)

10 Gbit/s SFP+ Optical Modules

10 Gbit/s SFP+ optical modules apply to 10 GE optical ports. The wavelength can be 850 nm, 1310 nm, or 1550 nm, and the

Quidway S2300 Switches Q

The S2300 supports automatic configuration and plug-and-play, which dramatically reduces maintenance costs. It adopts a fan-free

Optical/Electrical Modules

10 Gbit/s SFP+ Optical Modules You can use different levels of 10 Gbit/s SFP+ optical modules only with 10 GE interfaces. The

Huawei S2300 Series Switches Support Guide, Manuals & PDF - Huawei

S2300 Series Campus Switch: Access product manuals, HedEx documents, product images and visio stencils.

### Displaying Optical Module Information

When certifying an optical module, Huawei comprehensively verifies the functions of the optical module to ensure the optical module

### 10 Gbit/s XFP Optical Module

You can use different levels of 10 Gbit/s XFP optical modules with OC-192/STM-64 POS interfaces and 10 GE

### Types of Optical Modules

A common optical module has a center wavelength of 850 nm, 1310 nm, or 1550 nm, whereas a wavelength division multiplexing

### Huawei XFP-10G-1550NM-80KM-SM Optical Transceiver Sample Report

Huawei's XFP-10G-1550NM-80KM-SM optical transceiver supports 10G Ethernet transmission over 80km on single

### Displaying Optical Module Information

What Is the Impact of Using Non-Huawei-Certified Optical Modules? When certifying an optical module, Huawei comprehensively

### Optical Modules for Huawei S Series Switches

A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper

### 1.25 Gbit/s SFP/eSFP Optical Modules

You can use different levels of 1.25 Gbit/s SFP/eSFP optical modules with GE interfaces and 10 GE interfaces. The wavelength of

### 10GE SFP+ Optical Modules

When connected to a 10GBASE-ER standard optical module (1550 nm, 10 Gbit/s, 40 km), an SFP-10G-ER-1310 optical module

### Compatibility Finder | Compatible Optical Transceivers | OptiModule

Use the OptiModule Compatibility Finder to search Cisco, Juniper, Arista, Dell, Huawei and HPE compatible optical transceivers.

### Quidway S2300 Series Ethernet Switches Documentation Guide

This document describes the components, usage, and release modes of the documentation of the S2300 series

## Understanding Pluggable Optical Modules

Optical modules are available in various types to meet diversified requirements. Classified by transmission rates Currently, the

Huawei S2300 S2309TP-SI, S2309TP-EI, S2318TP-SI, S2318TP-EI

This Hardware Description document explains the features and specifications of the Huawei S2300 S2309TP-SI, S2309TP-EI,

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