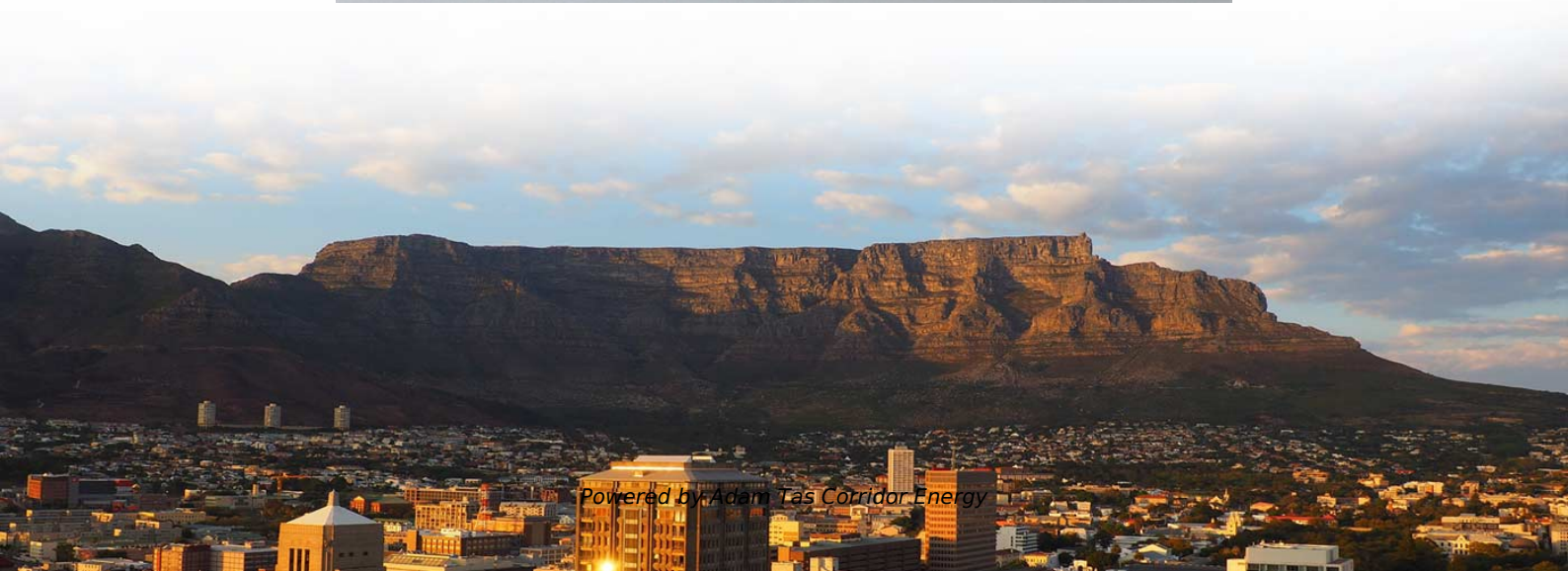




Adam Tas Corridor Energy

Huawei 10 Gigabit Optical Module Identification





Overview

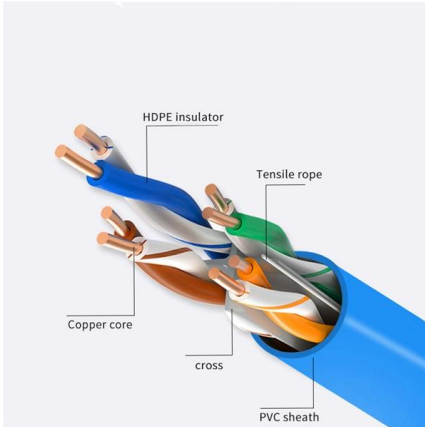
X is the Roman numeral 10, meaning that all XFP optical modules provide a 10 Gbit/s transmission rate. An eSFP module is an SFP module that supports monitoring of voltage, temperature, bias current, transmit optical power, and receive optical power. During use, reading optical module information helps understand its real-time operating status, enabling faster troubleshooting of link abnormalities. Are Attenuators Required in the Case of Short-Distance Connection Using Single-Mode Optical Modules?

Why an Interface Does Not Enter the linkdown State When Its Receiving Power Reaches the Lower Threshold?

Does a Port Frequently Alternate Between Up and Down States When a Non-Huawei-Certified.



Huawei 10 Gigabit Optical Module Identification



Why Are Alarms About Optical Modules That Are Not Certified for Huawei

Therefore, alarms about optical modules that are not certified for Huawei Ethernet switches are generated. You can run the transceiver non-certified-alarm disable command to disable the alarm

01-10 OPTICAL MODULES

If an optical module is installed in a running device, you can run the display transceiver command to view parameters of the optical module, including the center wavelength, transmission distance, fiber



8 Pluggable Modules for Interfaces

To determine whether optical modules delivered for Huawei S switches before July 1, 2013 are certified ones, contact Huawei technical support. If your optical modules are delivered after July 1, 2013, use

Types of Optical Modules

Therefore, when using such optical modules, select optical fibers of an appropriate length to ensure that the actual receive power is smaller



than the overload power. If the optical fibers connected to a long



10 Gbit/s XFP 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 interfaces. The wavelength of these 10



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



Optical Modules for Huawei S Series Switches

To determine whether optical modules delivered for Huawei switches before July 1, 2013 are certified ones, contact Huawei technical support. If your optical modules are delivered after July 1, 2013, use





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

Huawei XFP-10G-1550NM-80KM-SM optical module supports 80KM link length on 10G standard single-mode fiber (SMF) G.652. The official key parameters and the physical appearance of



Checking Whether Optical Module Types Match

For example, the transmission distance supported by OM1 optical fibers in the preceding command output is 150 m. If the actual transmission distance exceeds 150 m, use an optical fiber with a longer

2X10GL (2-Port 10GE Optical Ports Interface Card)

2X10GL (2-Port 10GE Optical Ports Interface Card) Card Overview The 2X10GL is a high-speed WAN access module that provides two 10GE optical interfaces for high-speed uplink connection. A



01-10 PLUGGABLE MODULES FOR INTERFACES

To determine whether optical modules delivered for Huawei S switches before July 1, 2013 are certified ones, contact Huawei technical support. If your optical modules are delivered after July 1, 2013, use



Huawei Technical Support

This document provides technical details about 1Gbps eSFP Optical Modules, including specifications and support information.

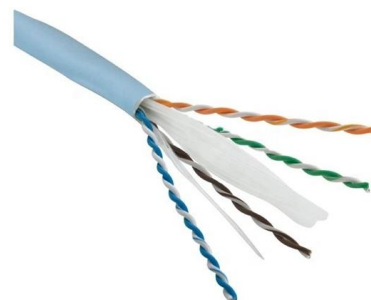


How To Read Optical Module Information On Huawei Switches

The following uses the Moduletek SFP-10G-LR module connected to a Huawei S6700 switch as an example to introduce how to read information of the connected optical module on a Huawei switch.

forum.huawei

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10GE SFP+ Optical Modules

Single-fiber bidirectional (BIDI) optical modules must be used in pairs. For example, SFP-10G-BXU1 must be used with SFP-10G-BXD1.



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 transmission distance ranges from 0.5 km (0.31 mi) to 80 km (49.71 mi).

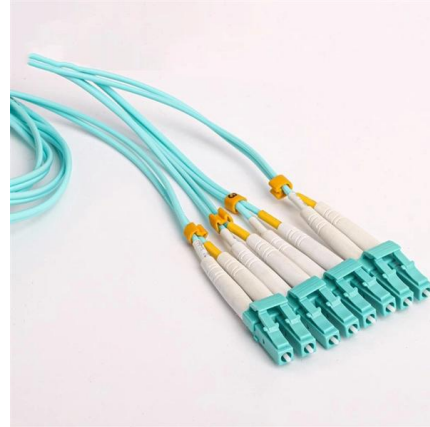


10GE SFP+ Optical Modules

This document describes hardware components of the S9700, including the cabinet, chassis, power supply facilities, fan modules, cards, cables, and pluggable modules for interfaces.

Huawei Optical Module Common Models

Optical modules are important devices in fiber optic communication systems. Huawei Optical Module is manufactured by Huawei Technologies Co. and originated in Shenzhen.



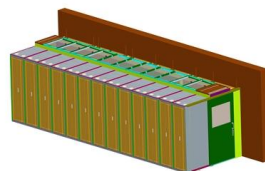
01-09 PLUGGABLE MODULES FOR INTERFACES

To confirm whether optical modules you use have been certified by Huawei, contact technical support personnel. If the optical modules you use are delivered after July 1, 2013, use either of the following



Checking Whether the Optical Fiber and Optical Module

Check whether the optical module and optical fiber match. A single-mode optical module (typically with a center wavelength of 1310 nm or 1550 nm) must be used



1.25 Gbit/s SFP/eSFP Optical Module

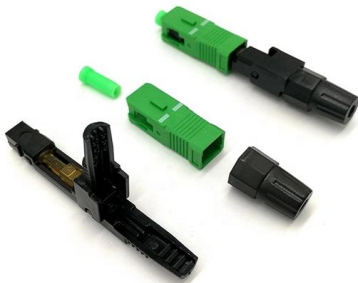
You can use different levels of 1.25 Gbit/s SFP/eSFP optical modules with GE interfaces and 10 GE interfaces. The wavelength of common 1.25 Gbit/s SFP/eSFP optical modules can be 850





Displaying Optical Module Information

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



Huawei Optical Module Common Models

Huawei's main business scope is switching, transmission, wireless and data communication telecommunication products, providing network equipment, services and solutions in the field of

10G single-mode OSX010000: a reliable solution for enterprise high

The 10G single-mode optical module OSX010000 is a high-speed network module that uses single-mode optical fiber as the transmission medium and supports the 10G Ethernet standard.



Optical Modules for Huawei S Series Switches

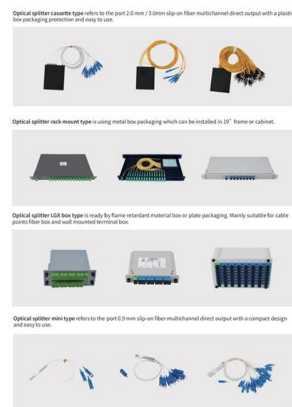
A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper modules cannot ensure transmission reliability and may affect service



From standard 1U to 6U sizes to fully customized Non-standard enclosures.

Huawei Technical Support

Discover how to view the serial number of an optical module with step-by-step guidance from Huawei Technical Support.



Huawei Technical Support

Learn how to display optical module information on Huawei devices using specific commands and understand the diagnostic details of optical modules.

Huawei SFP-10G-GE-LX Compatible 10Gb SFP

This high-quality Huawei SFP-10G-GE-LX Compatible 10GBASE-LR SFP+ 1310nm 10km DOM Transceiver. A cost-effective solution that provides high bandwidth





Huawei SFP-10G-LR 02310QDJ Optical

The Huawei SFP 10G LR 02310QDJ Optical Transceiver is a high performance, single mode SFP+ (Small Form factor Pluggable Plus) transceiver module designed for 10 Gigabit Ethernet (10GbE)

ALM-327680044 An Optical Module Installed on the Device Is

Possible Causes Cause 1: The optical module is not a Huawei-customized optical module. If this optical module was delivered from Huawei early.
Cause 2: Temperature of the



Contact Us

For datasheets, pricing, or custom telecom energy solutions, please visit:
<https://www.koskolong.co.za>