

# **Huawei 2X50G Optical Module**





## Overview

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The Huawei CR5D0E5XMF94 represents a cutting-edge solution in the realm of network interface technology, offering a 2-Port 50GBase and 1-Port 100GBase-QSFP28 FlexE MACsec Physical Interface Card (PIC). When this type of optical module is used to interconnect with a WDM device, the 1+1 protection switching duration on the client side of the WDM device is longer than 50 ms. This product is designed to enhance network efficiency, security, and flexibility. The maximum power consumption of a QSFP DD (Quad Small Form-factor Pluggable Double Density) transceiver can vary depending on the specific model and manufacturer.



## Huawei 2X50G Optical Module

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### Optical Modules in Intelligent Computing Scenarios

Huawei provides a full series of pluggable optical modules. A wide variety of modules give you flexible plug-and-play options for all types of interfaces.

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### Huawei Technical Support

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

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### Huawei eKitEngine Optical Module Datasheet

Instantly find the answers to all your questions about Huawei products and solutions. Looking to make a purchase? Leave your details and we'll be in touch.

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### Types of Optical Modules

Multimode optical modules are used with multimode fibers. Multimode fibers have lower transmission performance than single-mode fibers because of modal dispersion, but their costs are also lower.



### 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

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### Huawei GE Optical Modules

Buy genuine Huawei GE optical modules from GenuineModules with best price and fast worldwide shipping.

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### Optical Access

Based on PON technology, passive all-optical network access solutions enable access by any media, tailored to enterprises, ISPs, and MSOs.

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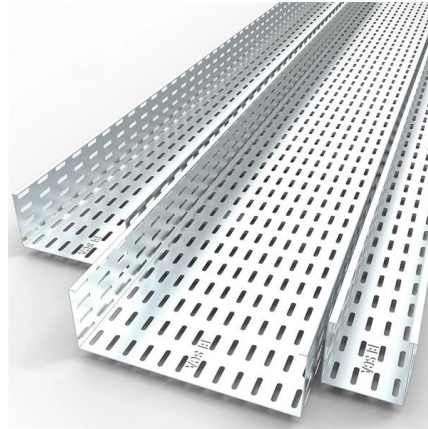




## 1.25 Gbit/s SFP/eSFP Optical Modules

HUAWEI USG9500 Series V300, V500 Hardware Guide 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

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## OptiXstar M990 50G PON ONU

OptiXstar M990 is a 50G PON ONU provided by Huawei. It supports 50G PON upstream transmission and 25GE/XGE/GE downstream transmission to provide high bandwidth access.

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## GE eSFP Optical Modules

GE eSFP Optical Modules LE2MGSC40DE0  
LE2MGSC40ED0 S-SFP-GE-LH40-SM1310 S-SFP-  
GE-LH40-SM1550 S-SFP-GE-LH80-SM1550 SFP-GE-  
BXU1-SC SFP-GE-EX-C SFP-GE-LX-SM1310

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## 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

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## 50G Optical Module Deployment Guide

50G Optical Module Deployment Guide Published On:2025-04-22 Views:7268 Downloads:941

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### Product Catalog



## HUAWEI 10G 1550nm 40km SM SFP module

HUAWEI 10G 1550nm 40km SM SFP module ptcore's OSP10G-5540DCR-HW is a high performance and cost-effective SFP+ transceiver module supporting data

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## 10GE SFP+ Optical Modules

OMXD30000 OSX010000 OSX040N01  
OSXD22N00 SFP-10G-BXD1 SFP-10G-BXU1  
SFP-10G-ER-1310 SFP-10G-ER-SM1270-BIDI  
SFP-10G-ER-SM1330-BIDI SFP-10G-LR-I SFP-10G-  
USR SFP-10G

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## Huawei SFP-25G-LR 25G LR SFP Optical Module , FiberMall

Huawei SFP-25G-LR Compatible 25G LR Optical Transceiver Module with SFP28 footprint is compliant to IEEE802.3ba, SFF-8402, SFF-8432, and the MSA standards.

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## 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.

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## 50G QSFP28/SFP56 Cable and Transceiver Modules Data Sheet

The QSFP28-ER-50G Module supports up to 40km link lengths over OS2 SMF via a LC duplex connector. The built-in digital diagnostics monitoring (DDM) allows access to real-time

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## 50Gbps QSFP28 Optical Module

When this type of optical module is used to interconnect with a WDM device, the 1+1 protection switching duration on the client side of the WDM device is longer than 50 ms. The optical power

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## 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

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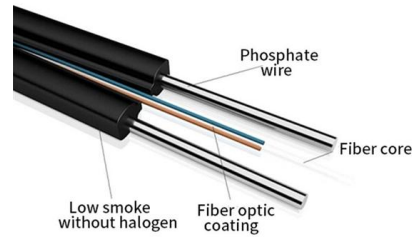




### StarryLink Optical Module

The short-distance optical return loss positioning technology enables precise and efficient identification of contaminated or loose optical modules, achieving minute-level fault locating.

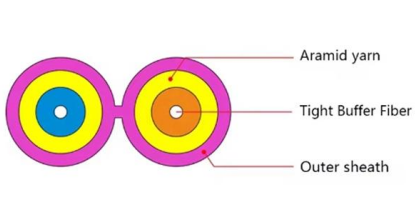
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### Troubleshooting for Optical Modules on Huawei Switch

Troubleshooting for Optical Modules on Huawei Switch Many friends feedback that one problems occurred when using optical modules on switches, now we are

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### Huawei CR5D0E5XMF94 2x50G/1x100G QSFP28

Deploy high-density 2x50G or 1x100G QSFP28 on Huawei CR5 with integrated MACsec and FlexE for secure, flexible aggregation. Order online.

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### 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 common 1.25 Gbit/s SFP/eSFP optical modules can be 850 nm, 1310

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## 10 Gbit/s XFP Optical Module

HUAWEI AntiDDoS8000 V500R005 Hardware Description 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

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<https://frindel.es>