

1300nm wavelength 100g optical module



Overview

In order to meet a variety of needs of transmission, the manufacturers launched a variety of categories of optical modules. Below are some common methods to classify them. An Optical transceiver module is the core part of optical communication devices. It uses fiber optical technology to send and receive data through completing the process of optical signal - electrical signal / electrical signal - optical signal conversion. An optical transceiver module consists of two parts: the receiving part and the transmitting. With the rapid development of information technology, the application of optical communication has become more and more popular. With the advantages of large capacity and high-speed transmission, Fiber Optic Transceiver Modules is playing a more and more important role. Where there is fiber, the optical module is needed, and the selection and purchase. When purchasing optical modules, need to confirm whether it can be compatible with your devices. Common switch brands like CISCO, HUAWEI, H3C, Juniper, D-link, HP, IBM, dell, Mikrotik etc., modules need to be tested compatibility before shipment. Before purchasing, it is best to confirm that it can be perfectly compatible with the corresponding brand. The original module is reliable but the price is too high, compatible module is cost-effective, comparable to the original module. Different users need to make specific choices according to the budget.

Article Content

100G Optical Module: How to Choose Between SR4, DR4, FR4, LR4, ...

Selecting the appropriate 100G module for your network can significantly enhance performance and efficiency. Here's a breakdown of recommended standards based on transmission ...

100G SMF QSFP28 1300nm Optical Transceiver Module

The product is designed with form factor, optical/electrical connection and digital diagnostic interface according to the QSFP+ Multi-Source Agreement (MSA). It has been designed to meet the harshest ...

100G BIDI 80KM 1280/1300nm WDM QSFP28 80KM Optical ...

With these features, this easy to install, hot swappable transceiver is suitable to be used in various applications, such as 100G Ethernet, data center, and storage area networks applications.

100G QSFP28 FR1 EML 1310nm 2km SMF LC Optical Transceiver

FIBERSTAMP 100G QSFP28 FR1 optical transceiver module is designed for long distance transmission in the datacom or telecom space and is compliant with the 100G Lambda MSA 100G-FR1 specification.

H3C QSFP-100G-ER4L-WDM1300 Datasheet

This H3C QSFP-100G-ER4L-WDM1300 QSFP28 transceiver provides 100GBase-ER4 throughput up to 40km w/host FEC over single-mode fiber (SMF) using a wavelength of 1295nm to 1309nm via an LC ...

Extend your 100G reach to 100 km with our QSFP28 eZR4+ transceiver module

Our 100G QSFP28 eZR4+ optical transceiver module offers an extended long-distance data transmission of up to 100km as well as to overcome high optical fiber loss up to 34dB!

QSFP 100G LR4: 1310nm Single Mode Fiber Module Explained

QSFP 100G LR4 operates in the 1310nm region, but it doesn't use just one wavelength. It uses four distinct wavelengths "around" 1310nm — each wavelength carrying one 25G lane.

100G QSFP28 CWDM4 1310nm 2km Transceiver - High-Speed Optical Module

High-performance QSFP28 100G CWDM4 optical transceiver (1310nm) for SMF up to 2km. Supports 4x25Gbps channels (104Gbps), QSFP28/CWDM4 MSA-compliant, with DDM. Ideal for 100GbE data ...

100g light module characteristics and application

These modules are used in a variety of applications, including data centers, telecommunications networks, and high-performance computing environments. In this article, we will ...

100G BIDI 80KM 1280/1300nm WDM QSFP28 80KM ...

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H3C QSFP-100G-ZR4-WDM1300 Compatible 100GBASE-ZR4 ...

The H3C QSFP-100G-ZR4-WDM1300 compatible QSFP28 optical transceiver module is designed for use in 100GBASE Ethernet, providing throughput up to 80 km over single-mode fiber (SMF) using a ...

Contact Us

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