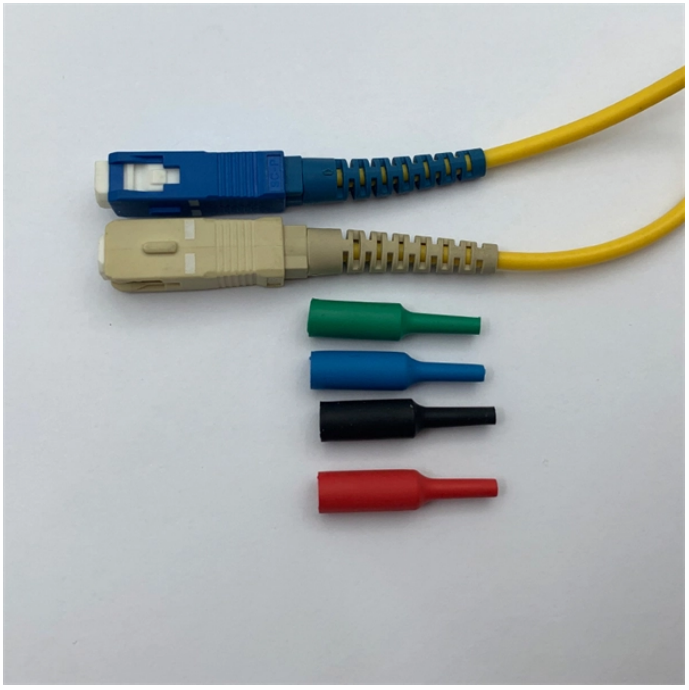
Optical module single-mode 40km



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 purch. 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 bra. 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.

Optical module single-mode 40km

Built using the industry-standard SFP (Small Form-factor Pluggable) design, this module enables stable Gigabit Ethernet transmission over single-mode fiber at a wavelength of 1310nm, supporting ...

Featuring a built-in Semtec chip and reliable DFB laser / PIN receiver, the SFP module delivers low power consumption and stable optical links for 1G single mode networks like Gigabit Ethernet and ...

The 1000Base-BX SFP optical module is designed for data transmission using a single single-mode (SM) fiber. It transmits data at speeds of up to 1.25 Gbps, over distances of up to 40 km.

Featuring a built-in Semtec chip and reliable DFB laser / PIN receiver, the SFP ...

Upgrade legacy telecom chassis. The 200GBASE-ER4 CFP2 transceiver delivers robust thermal dissipation and 40km single-mode reach for core optical transport networks.

It works over single-mode fiber for up to 40km. This makes it good for long network connections. It uses a 1550nm wavelength and LC duplex connectors. These help keep signals ...

In order to use different type of fiber, we also classify optical transceiver modules into single-mode optical modules and multi-mode optical modules. Single-mode optical module is used to match single ...

High-performance Single Mode Fiber Optical Transceiver Module with 25G speed, 40km range, and 1310nm wavelength. Reliable, cost-effective, and compatible with industry standards.

The transceiver supports to operate at 10Gbps serial optical data transfer rates on a single duplex fiber core with a length of up to 40km (SMF), ideally suited for data centers, enterprise and storage area ...

Fiber Mode/Distance Single mode 10G SFP+ transceiver spans distances up to 40km (24.9 mi.) at 10G speeds.

Explore our BiDi transceiver SFP module with 1490nm-TX / 1310nm-RX wavelengths, offering 40km reach over single-mode fiber (SMF) using LC simplex connectors. Ideal for cost-effective, high ...

Contact Us

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