

Fiber optic module single-mode 40km





Overview

It uses fiber optical technology to send and receive data through completing the process of optical signal - electrical signal / electrical signal - optical signal. An optical transceiver module consists of two parts: the receiving part and the transmitting. In order to meet a variety of needs of transmission, the manufacturers launched a variety of categories of optical modules. Common switch brands like CISCO, HUAWEI, H3C, Juniper, D-link, HP, IBM, dell, Mikrotik etc.



Fiber optic module single-mode 40km

1G 1310nm 40km SFP EX Transceiver Module

Featuring 1310nm wavelength, it supports a link distance of 40km over LC duplex single mode fiber (SMF). This 1G SFP transceiver complies with the SFP MSA,

Fiber Optic Transceiver 40G QSFP+ Single Mode Optic

40G QSFP optical modules can provide high-density and low-power 40G Ethernet high-speed interconnection for data centers, high-performance



10G SM LC SFP+ 1270/1330nm Single Mode 10KM/20KM/40KM Fiber Optic

SFP Modules 10G SMLC SFP+ 1270/1330nm Single Mode 10KM/20KM/40KM Fiber Optic module See more product details Report an issue with this product Audible: Plans now starting at

SFP-10G-ER 1550nm 40km DDM Optical Transceiver

This hot-pluggable SFP+ transceiver is engineered to transmit 10Gbps data streams over single-mode fiber (SMF) for link lengths up to 40 kilometers,

SFP Module Introduction: SFP meaning, Fiber SFP and

Generally, equipment (including fiber optic cables, transceiver modules, etc.) for single-mode fiber is more expensive than equipment for multi-mode optical fiber.



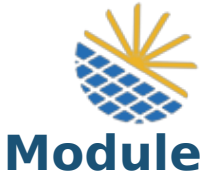
SFP-1G-EX Compatible , 1000BASE-EX SFP

The SFP-1G-EX Compatible transceiver is a high-performance optical module designed for extended-reach Gigabit Ethernet networks. Compliant with the

OREI 1G SFP Single-Mode Optical Module (1000BASE-EX, 1310nm,

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

100G Optical Transceiver, Optical Transceiver



The 100G QSFP28 ER1 optical transceiver modules are designed to support 100G Ethernet, suitable for data center links up to 40km over single-mode fiber. The

Single Mode Fiber Price

Find reliable single mode fiber prices from top suppliers. Shop high-quality optical cables and accessories for your communication needs. Bulk orders welcome.

1000Mbps Gbic Single Mode Duplex SFP Module 2 LC Compatible

1000Mbps Gbic Single Mode Duplex SFP Module 2 LC Compatible Switch SM Fiber Optic Module 20/40/80/120KM (40km 1550nm)



The Ultimate Guide to SFP Modules (2026): Types,

Confused by SFP vs SFP+? Read the definitive 2026 guide on SFP modules. We explain Single Mode vs Multimode, DDM diagnostics, and how to choose the right

SFP transceiver module (SFP & GBIC modules)

SFP (Small Form Pluggable) optical modules are the most used fiber optic transceiver modules in the fiber communications industry. SFP's come in a variety of data rates and different fiber coverages.

SFP-10G-ER Explained: Powering 40km 10Gbps Optical



This hot-pluggable SFP+ transceiver is engineered to transmit 10Gbps data stream over single-mode fiber (SMF) for link lengths up to 40 kilometers,

10G SM LC WDM SFP+ Module 1270/1330nm Single Mode 10-80KM Fiber Optic

10G SM LC WDM SFP+ Module 1270/1330nm Single Mode 10-80KM Fiber Optic Module
Compatible with Switch (1Pair 40KM)

Optical Transceivers / SFP Modules - High-Performance Compatible Fiber

Comprehensive Optical Transceivers & SFP Module for High-Speed Networks LINK-PP offers a full range of optical transceivers and SFP module for modern data centers, telecom networks, and



SFP Transceiver

The 1000BASELX SFP 40KM is a Gigabit single-mode SFP (mini-GBIC) transceiver with an LC style connector. Operating at a 1310nm wavelength, it supports 1000BaseLX Ethernet over single-mode

Cisco 40GBASE QSFP Modules Data Sheet

The Cisco 40GBASE-ER4 QSFP Module supports link lengths up to 40km over G.652 single-mode fiber with duplex LC connectors. The 40GE or OTU3 signal is carried over four

Gigabit Ethernet

It is very similar to 1000BASE-LX10 but achieves longer distances up to 40 km over a



pair of single-mode fibers due to higher quality optics than a LX10, running on

Mastering Cisco Optics: Understanding TX/RX Light Levels

Stop guessing your fiber health. Discover how to use Cisco DOM commands to measure real-time TX/RX light levels and ensure your optical

Understanding Transceiver Pull Tab Colors:

Learn how to identify optical transceivers by pull tab color. This guide explains wavelength, distance, and fiber compatibility for SFP, QSFP, BIDI &



SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver

What Is SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver Module? SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver Module CISCO, HUAWEI,

SFP BiDi 1000BASE-BX 1.25Gbps Tx1550nm/Rx1310nm LC SMF

A versatile SFP module that works reliably over distances of up to 40 kilometers as well as very short, 1-meter connections. Thanks to a specially designed receiving diode, the module is resistant to

10G SM LC SFP+ 1270/1330nm Single Mode 10KM/20KM/40KM Fiber Optic

Brand: SWVABYI \$19286 Colour Name: Bidi-10g-40km-1pair See 0 options with no



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10 Gigabit Ethernet

Optical fiber A Foundry Networks router with 10 Gigabit Ethernet optical interfaces (XFP transceiver). The yellow cables are single-mode duplex fiber optic

HMS Networks

HMS creates products that enable industrial equipment to communicate and share information with software and systems. In short: Hardware Meets Software(TM).

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