

Gigabit Single-Mode Single-Core Fiber Module



Overview

This Generic SFP-1G-EX compatible SFP module supports 1000BASE-EX Gigabit Ethernet connectivity and 1G fiber channel application. Featuring 1310nm wavelength, it supports a link distance of 40km over LC duplex single mode fiber (SMF). Gigabit single-mode fiber optic module Common parameters of optical modules 1. Center wavelength 1) 850nm (MM, multi-mode, low cost, but short transmission distance, usually only 500M); 2) 1310nm (SM, single mode, large loss during transmission, small dispersion, generally used for transmission. FS gigabit ethernet transceiver solutions provide fibre or copper options including 1000BASE-SX, 1000BASE-LX/LH, 1000BASE-T etc., from 100m to 160km, for 1G switches, routers, servers, NICs and other transmission equipment. Click to get your 1GBE transceiver modules from nearby warehouses. Selecting the fiber optic transceiver is more than just ensuring successful data transfer; it is about establishing the reliability, scalability, and efficiency of your network. When you understand specs. TESTED FOR COMPATIBILITY: Hot-swappable in MSA Compliant routers and switches; DDM support reports the transceiver's status to most SNMP network management tools.

Article Content

1G 1310nm 40km SFP EX Transceiver Module

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

1G SFP Modules: A Deep Dive into Specs & Types

Learn how to choose and optimize 1G SFP modules. Compare specs, fiber vs copper types, troubleshooting tips, and best practices for reliable networks.

Plastic optical fiber

Plastic optical fiber (POF) or polymer optical fiber is an optical fiber that is made out of polymer. Similar to glass optical fiber, POF transmits light (for illumination or

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4pcs,10G Single-Mode SFP+ LC Module, 10GBase-LR Fiber

About this item 10GBase-LR SFP+: SFP+ Module 10 Gigabit Ethernet Singlemode, 10Gb/s, Wavelength 1310nm, Duplex Dual LC, SMF, Singlemode Connection (OS2/OS3) LC/UPC fiber cable up to 10 km

1G SFP Transceivers | Mini-GBIC SFP Modules

FS gigabit ethernet transceiver solutions provide fibre or copper options including 1000BASE-SX, 1000BASE-LX/LH, 1000BASE-T etc., from 100m to 160km, for 1G switches, routers, servers, NICs

turkmenistan-10-gigabit-optical-module-manufacturer ...

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1 Gigabit Singlemode SFP Fiber Optic Transceivers

1 Gigabit Singlemode SFP Transceivers Our 1 Gigabit Singlemode SFP Transceivers offer high-performance, reliable connectivity for singlemode fiber

StarTech Multi-Mode (MM) / Single-Mode (SM) Fiber Media Converter

Buy a StarTech Multi-Mode (MM) / Single-Mode (SM) Fiber Media Converter for 10/100/1000 Networks, Open SFP Slot, TAA or other Transceiver Modules at CDW

Gigabit SFP Module: A Complete Guide to 1G SFP Transceivers

Learn what a gigabit SFP module is, how it works, main types, key specifications, and common use cases to choose the right 1G SFP for your network.

Genuine Fiber Channel Cisco Gigabit Ethernet SFP-10G-LR-S Module

Product Summary Genuine Fiber Channel Cisco Gigabit Ethernet SFP-10G-LR-S Module ODM The Cisco SFP-10G-LR-S compatible SFP+ transceiver provides 10GBase-LR throughput up to 10km

10 Best Fiber Optic Manufacturers for 2026

Discover the best fiber optic manufacturers globally, offering cutting-edge multimode and single mode fiber solutions. See who tops the list for quality

10G SFP+ Transceiver Modules& 10Gbase-T | FiberMall

10G SFP+ transceivers are available in many different transmitting and receiving types. Users can select the appropriate transceiver for each link to provide the

The Key Differences Between 1-core, 2-core, Single

The secret lies in fiber optic technology, and understanding the basics—1-core, 2-core, Single Mode (SM), and Multi-mode (MM)—is key to

Fiber Modules

SFP modules support very low EMI and excellent ESD protection. Featuring low power consumption, these fiber modules are ideal for enterprise LAN networks and other optical links. Please select the

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Gigabit single-mode single-core fiber optic module

Therefore, the 155M optical module is also called FE (100M) optical module, and the 1.25G optical module is also called GE (gigabit) optical module. This is the most widely used module in

SFP Transceiver

Utilizing LC connectors and operating at a 1310nm wavelength, it enables high-speed data transmission over single-mode fiber for distances up to 10 kilometers. This module provides a reliable long-reach

Small-Form Factor Pluggable (SFP) and Stacking Accessories

This article provides technical data on Fiber Transceivers and stacking accessories compatible with Meraki devices.

ipolex A Pair of Bidi Gigabit Single-Mode LC Fiber to Ethernet Media ...

Buy ipolex A Pair of Bidi Gigabit Single-Mode LC Fiber to Ethernet Media Converter, with BiDi SFP LX Module, 1310nm/1550nm, SMF, up to 20-KM, 1.25G Fiber Media Converter, 1000Base-LX to

Single Mode Fiber SFP - SFP Single Mode LC Module (20km)

Each TEG-MGBS20 single mode fiber SFP is equipped with a duplex LC fiber connection interface, supports high-speed data rates up to 1.25Gbps, and supports gigabit single mode fiber connections

Gigabit single-mode single-core fiber optic module

Gigabit single-mode single-core optical fiber modules usually have the following specifications: multi-mode 550m, single-mode 15km, 40km, 80km, 120km, etc. In addition to the

Single-mode optical fiber

In fiber optics, a quadruply clad fiber is a single-mode optical fiber that has four claddings. Each cladding has a refractive index lower than that of the core.

Trendnet SFP to RJ45 Mini GBIC Single Mode LC Module; TEG

Duplex LC connector. 1.0625Gbps Fiber Channel Compliant. 1.25Gbps Gigabit Ethernet Compliant. Single 3.3V Power Supply Voltage The TEG-MGBS10 Mini-GBIC Single Mode module works with

5 Pairs 1.25G BIDI SFP Network Transceiver Module, 1.25 Gigabit Single ...

The fiber module also works well with switch, router, media converter and more gigabit SFP optic ports. 1000Base-offerl SFP: 5 Pairs Gigabit Single Mode SFP offeri Transceiver, SMF, Single LC

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.

MSA Uncoded SFP Module

TESTED FOR COMPATIBILITY: Hot-swappable in MSA Compliant routers and switches; DDM support reports the transceiver's status to most SNMP network management tools.

Cisco GLC-LH-SMD Compatible SFP Module

Cisco GLC-LH-SMD Compatible SFP Module - 1000BASE-LH - 1GbE Single Mode Fiber SMF Optic Transceiver - 1GE Gigabit Ethernet SFP - LC 20km - 1310nm -

SFP Transceiver Optical Fiber Single-Mode LC 1000Base-BX

Must be used with the two-way SFP optical transceiver module WDM in Gigabit fiber, Intellinet model 508599 or Cisco model GLC-BX40-D Data transfer rate: 1000 Mbps One LC port in 1000Base-BX

Contact Us

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