

Gigabit Optical Module Single Fiber



Overview

A gigabit SFP module is a hot-pluggable transceiver designed to deliver 1Gbps Ethernet connectivity over fiber or copper, and it remains one of the most widely deployed networking components in enterprise, campus, and industrial networks today. This mini-GBIC (Gigabit Interface Converter) module provides a metal housing to reduce electromagnetic interference and increases durability. 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. Juniper Networks® has platforms ranging from the Juniper Networks CTP Series Circuit to Packet Platforms, BX Series Multi-Access Gateways, E Series Broadband Services Routers, M Series Multiservice Edge Routers, MX Series 3D Universal Edge Routers, to the T Series Core Routers., from 100m to 160km, for 1G switches, routers, servers, NICs and other transmission equipment. Click to get your 1GBE transceiver modules from nearby warehouses. 30-Day. TESTED FOR COMPATIBILITY: Hot-swappable in MSA Compliant routers and switches; DDM support reports the transceiver's status to most SNMP network management tools. Despite the rapid adoption of 10G and higher-speed.



Article Content

Ubiquiti 10 Gbps UACC-OM-SM-10G-S-2 | Cendirect Canada

Ubiquiti 10 Gbps Bidirectional Single-Mode Optical Module - For Data Networking, Optical Network - 1 x LC Simplex 10GBase-BiDi Network - Optical Fiber - Single-mode - Gigabit Ethernet - 10GBase-X - 10

1.25G Gigabit Module SFP LC Connector Optical SFP Transceiver

Key attributes Type Fiber Adapter & Connectors Use Indoor Model Number SM1012 Brand Name SMITON Place of Origin Guangdong, China Warranty Time 1 Year Product name 1.25G Gigabit

Gigabit Optical Module 10G-1310nm-10KM-SM-SFP+ Single-Mode

Currently unavailable. We don't know when or if this item will be back in stock. Sign in to continue Gigabit optical module 10G-1310nm-10KM-SM-SFP+ single-mode optical fiber module See

Accortec 10GBASE-DWDM 1534.25nm (ITU Channel 54) SFP+ Optics Module ...

Accortec 10GBASE-DWDM 1534.25nm (ITU Channel 54) SFP+ Optics Module - For Data Networking, Optical Network - 1 LC 10GBase-DWDM Network - Optical Fiber - Single-mode - 10 Gigabit Ethernet

StarTech HP JD119B Compatible SFP Transceiver Module

StarTech HPE JD119B Compatible SFP Module - 1000BASE-LX - 1GbE Single Mode (SMF) Fiber Optic Transceiver - 1GE Gigabit Ethernet SFP - LC 10km - 1310nm - DDM HPE 5900, 12500, 5500

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.

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1 Gigabit Singlemode SFP Fiber Optic Transceivers

Our 1 Gigabit Singlemode SFP Transceivers offer high-performance, reliable connectivity for singlemode fiber optic networks. These transceivers are

Multi-mode optical fiber

Multi-mode optical fiber is a type of optical fiber mostly used for communication over short distances, such as within a building or on a campus. Multi-mode links can

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 -

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

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.

QSFPTEK 10G LR SFP+ Module, 10GBASE-LR Gigabit Ethernet O.

10G LR SFP+ Module, 10GBASE-LR Gigabit Ethernet Optic Transceiver, 10GbE Network MINI GBIC, SMF 1310nm 10km DDM LC Single-Mode for Cisco SFP-10G-LR, Mikrotik S-31DLC20D and Other

An introduction to SFP ports on a Gigabit switch

What media types does SFP support? SFP modules support single and multimode fiber optic cables and Cat5, Cat6, Cat6a and Cat7 twisted-pair copper. SFP modules designed for fiber

turkmenistan-10-gigabit-optical-module-manufacturer

18 Companies and suppliers for turkmenistan-10-gigabit-optical-module-manufacturer Find wholesalers and contact them directly Leading B2B marketplace Find companies now!

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

10G SFP+ Dual Fiber Optical Module Market: \$15.5B by 2025, 13.5

The 10G SFP+ Dual Fiber Optical Module Market is poised for substantial expansion, with a projected valuation of \$15.5 billion in 2025. The market is anticipated to exhibit a robust Compound

Gigabit Single-Mode Optical Module Dual Fiber 40KM SFP 1.25G

Gigabit Single-Mode Optical Module Dual Fiber 40KM SFP 1.25G 1310nm : Amazon.ca: Electronics The enhancements that you chose aren't available for this seller.

Optic Modules Datasheet

4 Optic Modules Data Sheet ... SFP (form factor) = small form-factor pluggable
transceiver SMF (media) = single-mode fiber-optic MMF (media) = multimode fiber-
optic XFP (form factor) = 10-gigabit small

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.

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 80

Optical Modules Market Research Report 2034

Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034,

Contact Us

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