

100Mbps Single-Mode Optical Module Brands



AI Overview

Popular brands offering 100Mbps single-mode optical modules include HMS Networks, L-com, FS, and Mouser-distributed manufacturers. Overview A 100Mbps single-mode optical module (100Base-FX SFP) is a hot-pluggable transceiver that converts electrical signals into optical signals for long-distance fiber communication. These modules typically use LC connectors, operate at 1310nm wavelength, and can support distances up to 100 kilometers, making them ideal for enterprise networks, industrial automation, and legacy system upgrades. Key Brands and Suppliers HMS Networks: Offers 100Base-FX SFP transceivers for single-mode fiber with LC connectors, supporting long-distance links up to 100 km. They provide professional services and training for deployment. FS (Fiberstore): Provides a wide range of optical transceivers, including 100Mbps single-mode modules compatible with enterprise and telecom applications. L-com: Supplies 100M single-mode SFP modules with guaranteed compatibility and reliability, suitable for industrial and campus networks. Mouser Electronics: Distributes multiple manufacturers' 100Mbps single-mode transceivers, offering datasheets, inventory, and pricing for easy selection. Selection Considerations When choosing a 100Mbps single-mode module, consider: Fiber Type: Single-mode for long-distance (>2 km) applications. Connector Type: LC is standard for duplex single-mode modules. Wavelength: Typically 1310nm for 100Base-FX. Distance: Ensure the module supports the required link length (up to 100 km for some models). Device Compatibility: Verify the transceiver works with your switch, router, or industrial equipment to avoid network issues. Conclusion For reliable 100Mbps single-mode optical modules, HMS Networks, FS, L-com, and distributors like Mouser provide a variety of options. Always check wavelength, distance, and de...

Article Content

Understanding Single-mode and Multi-mode SFP

A SFP single-mode optical modules and SFP multi-mode optical modules are incompatible. If you mix SFP single-mode optical modules and SFP multi-mode

Optical Converter Module 100Gbps 100G-10KM-OLT

The 100G-10KM-OLT-QSFP28 Converter Module is designed to operate in high-performance networks, supporting transfer rates of 100 Gbps using a single

Complete Guide to Choosing the Right 100M Optical

Our modules are rigorously tested to ensure full compatibility with major switch brands and flawless performance. Here are some of our top

HANUTECH 1.25G Gigabit Ethernet Fiber Media

1.25G Gigabit Ethernet Fiber Media Converters with SFP LC Single Core Transceiver Module, Single-Mode LC, SMF RJ45 to SFP Slot up to 20KM,

100Base-LX SFP Module

MSA Uncoded SFP Module - 100BASE-LX - 100MbE Single Mode Fiber (SMF) Optic Transceiver - 100Mb Ethernet SFP - LC 10km - 1310nm - DDM

Cisco Transceiver Modules

Cisco Transceiver Modules - Learn product details such as features and benefits, as well as hardware and software specifications.

155M 1310nm 40km SC/FC/ST 1x9 Industrial

155Mbps Singlemode 1310nm 40km SC/FC/ST 1x9 Industrial Optical Transceiver for FE/STM-1/OC3 Manufacturer, Affordable Factory Price, 5-Year Warranty &

100 Mb/s Fiber Optics - Mouser

Mouser offers inventory, pricing, & datasheets for 100 Mb/s Fiber Optics.

6GK5991-1AF00-8AA0 SIEMENS SCALANCE X

Buy 6GK5991-1AF00-8AA0 SIEMENS SCALANCE X accessory SFP991-1LD 1x 100 Mbit/s LC port, optical single-mode optical up to max. 26 km. the best price, fast

SFP Optical Transceiver Products | Syrotech Networks

Syrotech Networks is market leader in manufacturing and supplier of sfp module, optical transceiver, sfp port, sfp optical transceivers, fiber sfp.

Complete Guide to Choosing the Right 100M Optical

In the vast ecosystem of network infrastructure, the humble 100M optical transceiver (or 100M SFP module) remains a critical workhorse for

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SFP Modules

Buy SFP Modules from top brands like Hanwha Vision, GeoVision, NVT Phybridge and Pelco. Visit us for unbelievable prices, selection and service.

GLC-FE-100LX Cisco Single Mode 100MBPS

This makes the Cisco GLC-FE-100LX Transceiver Module an attractive option for budget-conscious individuals or organizations looking to establish reliable long

SFP modules – transceivers for 1/2/4G fibre channel

SFP transceivers are valued for their flexibility, low power consumption and ability to support both single-mode and multimode fiber, making them ideal for short-range

SFP Transceiver

It uses LC connectors, operates at a 1310nm wavelength, and supports long-distance data transmission up to 100 kilometers, ideal for extending 100Mbps

SFP 100M Transceiver Module Manufacturer & Supplier

10Gtek offers cost-effective Fast Ethernet SFP transceiver modules, for using fiber Gigabit connections.

StarTech MSA Uncoded Compatible SFP Module

StarTech MSA Uncoded Compatible SFP Module - 100BASE-LX - 100MbE Single Mode Fiber (SMF) Optic Transceiver - 100Mb Ethernet SFP - LC 10km -

100BASE FX SFP: Complete Guide to 100Mbps Fiber Transceivers

In the case of a 100BASE FX SFP: The switch port provides a 100Mbps electrical interface internally. The SFP module converts the signal to optical transmission at 1310nm. The fiber cable carries the

Lantronix Simplex SFP Modules | Single-Fiber BiDi,

The lineup spans a wide range of speeds and fiber types — from 100Base and OC-3 through Gigabit and 10GBase — in both multimode and single-mode

100G Optical Module Selection Guide: Advantages and Types of

Explore the QSFP28 100G optical module, a vital component for high-speed network connections. Discover its unique features, advantages, and various types to meet diverse

Transceivers

The Hirschmann line has a variety of transmitter and receiver options available, allowing users to choose the correct transceiver for each link in order to provide

100 Mb/s Singlemode Transceivers Fiber Optic Transmitters,

Mouser offers inventory, pricing, & datasheets for 100 Mb/s Singlemode Transceivers Fiber Optic Transmitters, Receivers, Transceivers.

SFP-100M Series

The AMG SFP-100M series are industrial 100Mb Ethernet SFP's offering support for multiple cable types including copper (Cat5 or higher) as well as Multimode or

SFP modules - transceivers for 1/2/4G fibre channel

SFP - small form factor - pluggable modules for various optical data communications such as Fast Ethernet, Gigabit Ethernet, BiDi, SDH Sonet and 4G.

Ethernet Technology Overview: IEEE 802.3 Standards

Fiber Optic Single Mode → up to 30 km Multimode → up to 550 m Immune to EMI, hence more secure (but expensive). □□ UTP Cable Pin Usage 10/100 Base-T (2 pairs, 4 wires) PC/Router/Firewall ...

SFP-1GLXLC

Gigabit Ethernet SFP Modules Moxa's small form-factor pluggable transceiver (SFP) Ethernet fiber modules for Gigabit Ethernet provide coverage across a wide

SFP-10G-LR-10 Avanis | europages

About this product 10/5/2.5 Gigabit Fiber LR SFP+ Module, TX: 1310nm, RX: 1310nm, with SM LC 10 km, DDM functionality, temperature range 0~70 °C

Cisco SFP Modules for Gigabit Ethernet Applications

This data sheet describes the benefits, specifications, and ordering information for the Cisco SFP Modules for Gigabit Ethernet Applications.

Contact Us

For more information, pricing, or custom solutions, please contact us:

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