

Gigabit Ethernet Optical Module Distributor



AI Overview

Leading suppliers of Gigabit Ethernet optical modules include Moxa, Smartoptics, QSFPTEK, FS, and Coherent, offering SFP transceivers for diverse networking needs. Key Suppliers and Offerings Moxa provides a wide range of SFP Ethernet fiber modules supporting Gigabit, Fast Ethernet, and 10 Gigabit Ethernet. Their modules cover various distances and are suitable for industrial, enterprise, and telecom applications. Smartoptics offers 1G Ethernet SFP transceivers compatible with both single-mode and multimode fiber. They also provide BiDi SFPs for single-fiber deployments, multi-rate SFPs for flexible network speeds, and complementary DAC and AOC cables for short- and long-distance connectivity. QSFPTEK specializes in high-density, high-reliability optical transceivers and network solutions. They support Gigabit Ethernet deployments in campus networks, data centers, and telecom backbones, and provide engineering support for network expansion and testing. FS (Fiberstore), while focused on higher-speed modules like 25G SFP28, also offers a variety of optical transceivers suitable for Ethernet networks, including Gigabit Ethernet options for data centers and high-performance computing. Coherent supplies a broad portfolio of optical transceivers for Ethernet, SAN, and telecom applications. Their modules are used in enterprise access, metro aggregation, broadband, and 5G networks, providing high performance and compatibility with major networking equipment vendors.

Considerations for Selection

- Fiber Type: Choose single-mode for long-distance or multimode for short-range connections.
- Distance Coverage: Verify the module supports the required link length.
- Form Factor: SFP is standard for Gigabit Ethernet; ensure compatibility with your switch or router.
- Additional Options: DAC and AOC cables can simplify short-range connection...

Article Content

Fiber Optic Networking Products in Ghana

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Gigabit Ethernet

Gigabit Ethernet was the next iteration, increasing the speed to 1000 Mbit/s. The initial standard for Gigabit Ethernet was produced by the IEEE in June 1998 as

Buy a Raspberry Pi 3 Model B+ – Raspberry Pi

The Raspberry Pi 3 Model B+ is the final revision in the Raspberry Pi 3 range. Broadcom BCM2837B0, Cortex-A53 (ARMv8) 64-bit SoC @ 1.4GHz 1GB

Optics and Transceivers | Fiber Optical Transceivers

FS offers a growing portfolio of optical transceivers, with speed range from 100M, 1G, 10G, 25G, 40G, 50G, 100G, 200G, 400G to 800G and beyond. The fiber

1.6T OSFP224 | AI Ethernet Modules

FS provides 1.6T OSFP224, free & fast delivery, expert tech support, outstanding warranties.

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F-SFP1G-SM

SFP Gigabit Transceivers – Generic/Cisco Standard EEPROM PRODUCT SUMMARY The F-SFP1G-SM single-mode transceivers are small form factor pluggable modules for bi-directional serial optical

100GBASE QSFP-100G Modules Data Sheet

The Cisco® 100GBASE Quad Small Form-Factor Pluggable (QSFP) portfolio offers customers a wide variety of high-density and low-power 100

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,

Fiber Optic Transceiver Modules | Optoelectronics

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Pluggable Optical Modules: Transceivers for the Cisco

Cisco offers a comprehensive range of pluggable optical modules for the Cisco ONS family of multiservice platforms. The wide variety of modules

RUCKUS Optical Transceivers

The quality of the optics you deploy will dramatically affect the overall performance and reliability of your entire network. When you deploy RUCKUS optics with RUCKUS switches, you are guaranteed the

Top Optical Modules for POTN Deployment: SFP, QSFP, and OSFP

Modern optical transport networks are the nervous system of digital infrastructure. As data demand continues to multiply, choosing the right optical module becomes a crucial decision in

SFP & SFP+ Modules for Fiber Optic Networks | WLAN-Shop24

Whether you want to realize a 1-Gigabit (SFP) or a 10-Gigabit (SFP+) connection over short or long distances - here you will find the right transceiver module for your single-mode or multi-mode fiber

Optische Transceiver online beim Experten kaufen | EFB-Elektronik

In unserem Online-Shop finden Sie ein großes Sortiment rund um Transceiver für Fast Ethernet, Gigabit, 10G und höher.

SFP+, XFP, QSFP+, DAC Twinax Cable 10Gtek Transceivers Co., Ltd

DAC Twinax Cable Maker. CE, FCC, RoHS, ISO9001 Certified. Professional Manufacturer focusing on SFP+ Cables, QSFP+ Cables, MiniSAS Cables, QSFP Cables, XFP Cables, CX4 Infiniband Cables

MiniGBIC Transceiver LC 1000BASE-LX SFP Singlemode, Gigabit Ethernet ...

About this product Standardisierter MiniGBIC SFP Transceiver für Gigabit Ethernet 1000BASE-LX IEEE 802.3 Clause 38 (früher IEEE 802.3z) Anschluss: LC duplex (2x LC Stecker) Mode: Singlemode,

HMS Networks

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

OPTIC NEXUS FILM CAMERA BATTER Datasheet, PDF

OPT-0025-00-C 592Kb/15P OPT-0025-00 F5 Compatible Transceiver QSFP+ 40GBase-SR4 (850nm, MMF, 150m, MTP/MPO, DOM) Delta Electronics, Inc. OPT-1250A1F1 165Kb/10P RoHS Compliant

Ortronics Cisco SFP+ Module

Ortronics Cisco SFP+ Module - For Optical Network, Data Networking - 1 x LC Duplex 10GBase-BX Network - Optical Fiber - Single-mode - 10 Gigabit Ethernet - 10GBase-BX - 10 Gbit/s -

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

CablesOnDemand : Buy Cables Direct from Amphenol

Genuine Amphenol 100G QSFP loopback adapter modules provide the ideal 100-Gigabit Ethernet rated port testing solution for QSFP28 enabled ports (28.0 Gbps

Optical Transceivers

Molex leverages its optical experience to produce some of the highest performing, field-proven optical components in the market. We apply our strong systems and photonic integration expertise to offer a

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Whether fast Ethernet, gigabit, 10G and higher – different bandwidths require different transceiver modules. So visit our online shop and find an extensive selection of transceivers and transceiver

1000BASE-SX vs 1000BASE-LX, EX, ZX & BX SFP Guide

1000BASE-SX, 1000BASE-LX, 1000BASE-EX, 1000BASE-ZX and 1000BASE-BX are all Gigabit Ethernet fiber optic module terms, but they are not the same type of link. They differ in fiber

Optical Transceiver | Fiber Optic Transceivers

We carry a full line of fiber optic transceivers such as GBIC, SFP, SFP+, XFP and other transceiver modules here at GAOTek.

Contact Us

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

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