

Affordable gigabit optical modules



AI Overview

SFP and GBIC transceivers are cost-effective solutions for 1 Gigabit Ethernet over fiber, supporting both multimode and single-mode connections.

Key Options and Features

1. SFP (Small Form-Factor Pluggable) Modules

- Ideal for 1 Gigabit Ethernet transmission over fiber.
- Support multimode (MMF) for short distances (up to ~550 meters) and single-mode (SMF) for long distances (up to 180 km) depending on the module type .
- Hot-pluggable, allowing installation without powering down switches or routers .
- Available in industrial-grade versions for extreme temperature and humidity conditions .

• WDM SFP modules allow bi-directional transmission over a single fiber strand, reducing cabling costs .

2. GBIC (Gigabit Interface Converter) Modules

- Larger form factor than SFP but compatible with older network equipment.
- Provide reliable 1 Gbps fiber connectivity for switches and routers .

3. Cost-Effective Vendors

• FS.com offers 1/2/4G SFP modules with low power consumption and competitive pricing, suitable for distances from 100 meters to 120 km .

• Lanshack provides a wide range of SFP, QSFP, and GBIC modules, including industrial and WDM options, ensuring compatibility with standard SFP ports .

• Fiber24 offers compatible third-party SFP modules for many OEM vendors, often at lower prices than original manufacturer parts .

• Fibermarkt provides SFP transceivers compliant with MSA standards, supporting h...

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Transceivers, optical modules

You can use our optical transceivers as affordable alternative for SFP modules of leading vendors, without quality loss. Our products

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1G SFP Transceivers | Mini-GBIC SFP Modules

FS gigabit ethernet transceiver solutions provide fibre or copper options including 1000BASE-SX,

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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

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Cisco Optics | Transform Your Network

Get the highest quality, performance-leading optical transceivers for any network architecture. Find the transceiver model to fit your

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Amazon : Sfp Module

Upgrade your network infrastructure with versatile SFP modules. Discover options for 1G, 10G, and fiber optic standards to meet

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Installation and Maintenance Guide for Gigabit Optical Modules and 10 ...

As an essential component of network communication, optical modules have been widely used in various scenarios

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Optical Modules Market Size, Growth Trends & Forecast

Optical Modules Market size was valued at USD 3.5 billion in 2025 & is estimated to reach USD 8.2 billion by 2034,

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The Most Comprehensive Guide Of Optical Modules

Explore the ultimate guide to optical modules. Learn types, functions, performance metrics

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Optical Transceiver Modules

Browse an extensive range of copper and optical transceiver modules. High quality MSA compliant networking products with

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2.5G STM-16/OC48 120km DWDM SFP Transceiver Module

Buy 2.5G STM-16/OC48 120km DWDM SFP Optical Transceiver from Manufacturer at Affordable Factory Price,5-Year Warranty &

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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

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Intellinet Gigabit Fiber SFP Optical Transceiver Module

Compatibility in your network is everything, and this SFP Transceiver Module delivers. It has been

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SFP28 Optical Transceiver Modules for Sale (25G) | Cables on Demand

SFP28 Optical Transceiver Modules (25G-SR/LR) Buy 25G SFP28 Optical Transceiver Modules by Amphenol XGIGA Factory-Direct

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50/25/10/1G Transceiver Modules | Optical Transceivers

FS provides 50/25/10/1G transceivers modules in SFP/SFP28/SFP56/QSFP28 form factor, supporting

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Gigabit SFP modules with fiber optic modes » buy online now

SFP modules are standardized and comply with MSA (Multi-Source Agreement) standards, ensuring compatibility with a wide range

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

Bring fiber optic speed to your network! With SFP (Small Form-factor Pluggable) and SFP+ modules, you can equip your switches

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Gigabit Fiber SFP Optical Transceiver Module

The new Intellinet Network Solutions Small Form Factor Pluggable (SFP) Transceiver provides the best

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SFP+ Cables • SFP+ Modules for Sale (10G) | Cables on Demand

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SFP Fiber Optic Modules

Our variety of SFP Fiber Optic Modules include multimode and singlemode SFP modules.

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40G QSFP+ Transceiver Modules | Optical Transceivers

FS 40G QSFP+ optical transceiver module solutions offer a full range of QSFP+ modules from 150m to 80km reach, and used for

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SFP Module Prices Comparison by Top 5 SFP Manufacturers 2023

Why Optical Transceiver Manufacturers Listed Below are for SFP Price Comparison First, pick up the most relevant

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Everything You Need to Know About Optical Modules

Optical modules are electronic devices used in communication systems to transmit optical signals. These modules

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SFP28 • QFSP28 Optical Modules for Sale | Cables on Demand

SFP28 • QFSP28 Optical Modules Amphenol 25G SFP28 Optical Transceiver Modules and 100G QSFP28 Optical Transceiver

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SFP Modules

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Fiber Optic Transceivers | SFP, QSFP & GBIC | High

Shop SFP, QSFP, and GBIC transceivers for Gigabit Ethernet over multimode and singlemode fiber. Hot

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Optical Transceiver Modules Prices & Specifications

What is Optical Transceiver Modules/SFP? Optical Transceiver Modules/SFP, also called fiber optic

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Cisco Gigabit Ethernet GBIC/SFP Modules

Cisco offers a range of GBIC transceivers and Small Form-factor Pluggables (SFP) transceivers for Gigabit Ethernet and Fibre

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2.5G SFP 300m~80km Optical Modules (Industrial Grade Optional)

GIGALIGHT's 2.5G SFP series optical transceiver modules are widely used in synchronous optical networking (SONET OC-48 /

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Gigabit Fiber SFP Optical Transceiver Module

Gigabit Fiber SFP Optical Transceiver Module The line of Intellinet Network Solutions Small Form Factor

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How to choose the right optical module

For users, choosing the right optical module for their applications can be a major challenge. This article will provide

Contact Us

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