

Gigabit optical modules available now



Overview

We have moved from Gigabit Ethernet to 100 Gigabit and are now entering the era of 400G and 800G modules to support data centers and 5G infrastructure. This progression is driven by innovations in laser technology, modulation techniques, and integrated circuit design. Our Cisco, HP and Brocade ready 10GBASE-SR Multimode SFP+ Modules feature low power consumption (<800mw) using Duplex LC OM3 fiber up to 300m (984'). Learn product details such as features and benefits, as well as hardware and software specifications. Use the compatibility tool to check switch compatibility. 24/7 around. Lasermate Group, Inc. offers a wide selection of high-performance fiber optic transceivers designed for LAN, WAN, SAN, MAN, and access network applications. Applications in automotive, home & SOHO, and industrial benefit from KD's future-proven system solutions for connectivity over fiber optics.



Article Content

May 06, 2026

ISTOVO Optical Fiber Module, Gigabit Module Kit High ...

Buy ISTOVO Optical Fiber Module, Gigabit Module Kit High? Efficiency Less Interference Fast Photoelectric Conversion Low Power Chip for Communication online on Amazon.ae at best prices.

Dec 12, 2025

Dell 68X15 Intel E25GSFP28SR Ethernet SFP28 Optics Transceiver Module

Barcode: Availability: Many in stock Product type: NETWROKING-TRANSCEIVER HKD 494.00 Ask an expert Quantity Decrease quantity Increase quantity Add to cart Add to wishlist Share this product I

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Optical Transceivers

Optical transceivers have revolutionized data transmission, providing high-speed, long-distance, and secure data transmission capabilities. Optical transceivers

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Optical Transceivers | Network Solutions for AI Cluster,

Explore how AI clusters are reshaping network architecture, from XPU-centric design to multi-plane scalability, and learn how 800G modules enable high

Aug 18, 2025

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.

May 12, 2026

KD Tech — High-Speed Optical Connectivity

KD Tech designs semiconductor ICs for multi-gigabit optical networking over fiber optics. Solutions for automotive, industrial, and consumer connectivity.

Oct 10, 2025

Optical Transceivers | High-Speed SFP, GBIC, BIDI

Available in classic 1×9 duplex packages and advanced form factors such as SFF, SFP, GBIC, and BIDI modules, our transceivers support both multimode and

Oct 14, 2025

Intel® Core™ Processors, FPGAs, GPUs, Networking, Software

Browse Intel product information for Intel® Core™ processors, Intel® Xeon® processors, Intel® Arc™ graphics and more.

May 21, 2026

Cisco Optics | Transform Your Network

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

Mar 26, 2026

Gigabit Fiber SFP Optical Transceiver Module

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

Oct 10, 2025

SFP+ Optical Transceiver Modules (10G-SR/LR)

Amphenol SFP Optical Modules • SFP+ Optical Modules from Cables on Demand are Now Available in both Short Range (SR) Multimode and Long Range (LR)

Aug 15, 2025

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

Jan 01, 2026

400G Optical Transceiver: Cisco 400G Optics, Pricing & Applications

A 400G optical transceiver is defined as a high-speed optical module that supports 400 Gigabit Ethernet (400GbE). It is primarily applied in data center interconnect (DCI), AI clusters, large

Mar 21, 2026

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

Jun 20, 2026

Cisco Products: Networking, Security, Data Center

Explore Cisco's comprehensive range of products, including networking, security, collaboration, and data center technologies

Jul 22, 2026

Understanding Optical Modules: The Backbone of Modern Data

The evolution of optical modules has been rapid. The industry has consistently pushed the boundaries of data rates and density. We have moved from Gigabit Ethernet to 100 Gigabit and are now entering

Jan 01, 2026

Dell 407-BCBG Intel E25GSFP28SR Ethernet SFP28 Optics

Dell 407-BCBG Intel E25GSFP28SR Ethernet SFP28 Optics Transceiver Module 10 GgE 25 Gigabit LAN | BRAND NEW (INTEL GENERIC)

Sep 08, 2025

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

Oct 18, 2025

Gigabit SFP modules with fiber optic modes » buy online now

Find your SFP module from a wide selection of manufacturers including ICPDAS, KORENIX, ORingNet and PLANET. Our SFP modules support various fiber modes, including singlemode and multimode.

Jul 27, 2026

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

1G Ethernet and FC SFP – Gigabit Ethernet (GbE) and 1G FC SFP transceivers for cost-effective optical networking, available in both single-mode and multimode

Aug 08, 2025

LPO MSA Announces Release of Specification for Linear Pluggable Optical ...

OFC2025, San Francisco -- The LPO MSA (Linear Pluggable Optics Multi-Source Agreement) Group announced today the completion and availability of the 100 Gb/s per lane Linear

Apr 06, 2026

Optical Modules Market Size, Growth Trends

Access detailed insights on the Optical Modules Market, forecasted to rise from USD 3.5 billion in 2024 to USD 8.2 billion by 2033, at a CAGR of

Feb 17, 2026

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