

Original manufacturer of 10 Gigabit optical modules



Article Overview

Major original manufacturers of 10 Gigabit optical modules include Cisco, Huawei, 10Gtek, Amphenol, and Juniper, each offering SFP+, XFP, and QSFP+ transceivers for various networking applications.

Key Manufacturers and Offerings

Cisco produces a wide range of 10GBASE SFP+ modules for data center, enterprise, and service provider networks. Their modules support multiple link types, including SR, LR, and LRM, and offer features like digital optical monitoring and hot-swappable design for easy deployment in Cisco switches and routers. Huawei manufactures 10GE SFP+ optical modules compliant with 10GBASE standards, including ER and BIDI modules. Their products are designed for long-distance transmission and require paired modules for single-fiber bidirectional operation. 10Gtek specializes in SFP+, QSFP+, and XFP transceivers, as well as DAC and active optical cables. They provide modules for data centers, high-performance computing, and supercomputing applications, emphasizing low latency, high reliability, and extended transmission distances. Amphenol offers 10GBASE-SR and LR SFP+ optical transceivers compatible with Cisco, HP, and Brocade equipment. Their modules are designed for high-density, low-power applications and support both multimode and single-mode fiber links. Juniper Networks provides qualified 10G optical transceivers for ACX, EX, MX, PTX, and QFX product lines. Juniper sources modules from rigorously audited suppliers to ensure standards compliance, interoperability, and reliability across multivendor environments

Article Content

Jul 31, 2025

Passive optical network

Passive optical network A fiber optic cable assembly with SC APC connectors, as commonly used to link

Jan 16, 2026

10G SFP+ Optical Transceiver Modules | AscentOptics

10G SFP+ Product Descriptions AscentOptics" 10G SFP+ modules offer customers a wide variety of 10 Gigabit Ethernet connectivity

Oct 30, 2025

Cisco 10 Gigabit Modules

Discover Cisco 10 Gigabit Ethernet Modules, offering high-speed, reliable connectivity to enhance network

Jul 08, 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

Jan 25, 2026

10G Optical Transceiver,10G SFP+ Transceiver Manufacturer

10G SFP + optical fiber transceiver module,supports 10Gb/s and supports 100 km transmission,including: SFP + SR,SFP + LR,SFP

Aug 31, 2025

Introduction of 10G SFP+ Optical Modules

10G SFP+ Optical Module is a type of SFP+ transceiver that supports 10 Gigabit per second (10Gbps) data rates and

Jan 10, 2026

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

Code: SF-10GSFPPLCL-000 Genuine Amphenol 10GBASE-SR SFP+ Optical Transceiver Modules provide a high-density, high

Mar 02, 2026

The Complete Guide to the Best Choice of 10G SFP+ Optical Modules

The Complete Guide to the Best Choice of 10G SFP+ Optical Modules 10G SFP+ Function Introduction 10G SFP+ (Small Form

Sep 19, 2025

Cisco SFP Modules for Gigabit Ethernet Applications Data Sheet

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

Jun 18, 2026

Genuine Cisco SFP-10G-SR

The Cisco 10GBASE SFP+ modules give you a wide variety of 10 Gigabit Ethernet connectivity options for

Oct 07, 2025

10G SFP+ Transceivers | Optical Interconnect | Amphenol

Amphenol's 10G SFP+ optical modules include SFP+ AOC. They are compliant with SFP+ MSA, SFF-8431 and SFF

Jun 04, 2026

Cisco 10GBASE X2 Modules Data Sheet

Product overview The Cisco ® 10GBASE X2 modules (Figure 1) offer customers a wide variety of 10 Gigabit Ethernet

Apr 05, 2026

Cisco Transceiver Modules

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

Apr 20, 2026

10 Best Fiber Optic Manufacturers for 2026

Discover the best fiber optic manufacturers globally, offering cutting-edge multimode and single mode fiber solutions.

Jun 03, 2026

10-Gigabit (10G) Ethernet Network Cables & Modules

Buy 10-Gigabit (10G) Ethernet Network Cables & Modules for your AI/datacenter network build-outs factory-direct from Amphenol,

Apr 05, 2026

10G SFP+ Transceiver for OM3/OM4 Fiber

SFP+ Transceiver, 10GBase-SR for multimode 50/125µm OM3 or OM4 fiber NETGEAR ProSafe 10 Gigabit SFP+ transceivers fit into

Feb 13, 2026

AOC, DAC, Fiber Optic Transceivers | One-Stop Shop for Datacenter

10Gtek's automatic assembly line, assures the consistency of manufacture under the process of laser cutting, aluminum shielding

Aug 29, 2025

Wholesale Optical Transceivers Module | 100G QSFP28, 40G QSFP

Shop high-speed optical transceivers from Unitekfiber. We offer 100% compatible 40G, 100G, and 400G QSFP-DD modules for data

Jan 13, 2026

10G/1G Optics

Juniper's portfolio of qualified 10G and 1G optical transceivers are low-cost multipurpose modules available in footprint-optimized

Feb 07, 2026

10 Gigabit Ethernet

10GBASE-PR originally specified in IEEE 802.3av is a 10 Gigabit Ethernet PHY for passive optical networks and uses 1577 nm

Oct 31, 2025

Latest Ranking Of Top 10 Global Optical Module Suppliers

Recently, LightCounting, a well-known market research organization in the optical communication industry, released

Feb 12, 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

Aug 12, 2025

Optical Transceivers Manufacturer

XFP (10G) 10Gtek 10G XFP transceivers include SR, LR, ER, ZR, CWDM, DWDM and BiDi series. Tunable XFP modules are

Dec 06, 2025

10G SFP+ transceiver, SFP+ modules Manufacturer & Supplier

10G SFP+ Transceiver (enhanced SFP, also known as SFP Plus) is a next-generation optical module specified by the ANSI T11

Oct 12, 2025

10 Gigabit Fiber SFP+ Optical Transceiver Module

This 10 Gigabit Fiber SFP+ Optical Transceiver Module supports standard digital diagnostics monitoring (DDM) functions, also

Sep 02, 2025

Optic Modules Datasheet

datasheet is intended to guide the user through the various options available when choosing an optic module for a given platform

Nov 05, 2025

10 companies in the optical transceiver industry chain 2024

To help you choose the best partner, this article will analyze and introduce 10 companies in the optical transceiver

Jun 09, 2026

Optical Transceivers Manufacturer

10Gtek® is a trusted supplier of optical transceivers, who researches, designs, manufactures and markets optical transceivers for

Mar 11, 2026

10GB SFP Modules | 10G SFP Modules | 10G Ethernet SFP Modules

Versitron's 10G SFP modules deliver reliable 10 Gigabit Ethernet connectivity in a compact, hot-swappable design, offering flexible

Contact Us

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