

GE optical module for device 10G interface



Overview

The SFP-10GE transceiver family are small form factor pluggable modules for bi-directional serial optical data communications such as 10GBASE Ethernet. The modules are compliant to the SFP+ MSA and are hot pluggable. This document describes hardware. Use the Compatibility Tool to verify FS transceiver compatibility with your device and access test reports. HW SFP-1/10G-GE-LX Compatible SFP+ transceiver supports up to 10km over OS2 SMF via an LC duplex connector. 3ae. 10 Gigabit Ethernet (10GE, 10GbE, or 10 GigE) is a group of computer networking technologies for transmitting Ethernet frames at a rate of 10 gigabits per second. It was first defined by the IEEE 802. Digital diagnostic functions are available via an I2C serial bus specified in the. Cisco's family of 10-Gbps symmetrical passive optical network (XGS-PON) Optical Network Terminals (ONTs) delivers flexible, high-performance broadband connectivity for a wide range of fiber-to-the-premises use cases, including residential spaces, Multidwelling Units (MDUs), Small Office/Home Office.



Article Content

Aug 20, 2025

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.

Feb 26, 2026

Buy SFP Modules Fiber Optic Cables For Best Price

They are compact and versatile, offering a standardized interface for different types of optical and electrical signals. Common Types of SFP Modules: SFP-GE: For

Nov 10, 2025

SFP 10GE Transceiver Module: Unlocking High-Speed Optical

The SFP 10GE transceiver module is the backbone of modern networking systems. It integrates high-speed optical connectivity, which is necessary for industry-wide applications. It single

Apr 26, 2026

2X10GL (2-Port 10GE Optical Ports Interface Card)

Card Overview The 2X10GL is a high-speed WAN access module that provides two 10GE optical interfaces for high-speed uplink connection. A 2X10GL card can be installed in a WSIC or XSIC slot

Sep 19, 2025

Global Optical Modules Market Research Report 2026

An optical module (or optical transceiver) is a photoelectric conversion and signal conditioning unit integrated in a standard package, used to transmit high-speed digital signals

Nov 11, 2025

10G SFP+ Cable and Transceiver Modules Data Sheet

The SFP-10G-T-80 transceiver provides 10GBase throughput up to 80m over cat6a/cat7 copper cable via RJ-45 connector. This transceiver is compliant with IEEE 802.3an, IEEE 802.3az, SFF-8431 and

Jun 29, 2025

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 gives

Feb 23, 2026

Optical Transceivers | Fiber Optic Transceivers | Form

Optical Transceivers for High-Speed Connectivity An optical transceiver is a compact device that combines the functions of both a transmitter

Jan 14, 2026

10 Gigabit Ethernet

OverviewPhysical layer modulesOptical fiberCopperWAN PHY (10GBASE-W)

To implement different 10GbE physical layer standards, many interfaces consist of a standard socket into which different physical (PHY) layer modules may be plugged. PHY modules are not specified in an official standards body but by multi-source agreements (MSAs) that can be negotiated more quickly. Relevant MSAs for 10GbE include XENPAK (and related X2 and XPAK), XFP and SFP+. When choosing a PHY

Aug 25, 2025

2X10GL (2-Port 10GE Optical Ports Interface Card)

2X10GL (2-Port 10GE Optical Ports Interface Card) Card Overview The 2X10GL is a high-speed WAN access module that provides two 10GE optical interfaces for high-speed uplink connection. A

Jan 28, 2026

GPFD Service Board GPFD price and specs epfd

GPFD Service Board is a 16 port GPON interface card This board offers GPON service access from ONT which get maximum access 16*128 GPON subscribers.

Jan 30, 2026

Cisco 10G Routed PON ONT Data Sheet

These 10G optical network terminals for fiber-to-the-premises applications can be managed remotely and are interoperable with the Cisco Routed PON solution. Three models offer a

Oct 15, 2025

XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM

As an industry-leading ICT infrastructure and industry solution provider, Ruijie offers customers a wide variety of high-density and low-power 10G optical modules. They are applicable to data center and

Feb 20, 2026

10GE SFP+ Optical Modules

OMXD30000 OSX010000 OSX040N01 OSXD22N00 SFP-10G-BXD1 SFP-10G-BXU1
SFP-10G-ER-1310 SFP-10G-ER-SM1270-BIDI SFP-10G-ER-SM1330-BIDI SFP-10G-LR-I
SFP-10G-USR SFP-10G

Jul 20, 2025

Cisco CWDM SFP 10 Gigabit Ethernet Solution Data Sheet

Platform support The Cisco CWDM 10 Gigabit Ethernet SFPs are supported across a variety of Cisco switches, routers, and optical transport

Jul 28, 2025

10G SFP+ dual fiber

The GEZHI Photonics 10GBASE DWDM SFP+ Modules are fiber transceivers for a wide variety of any brand switches, routers, and other equipment. They allow

Nov 01, 2025

Inventory Of 10G Optical Modules

The 10G electrical port module is an electro-optical conversion module packaged in SFP+ form factor, with an RJ45 interface. It is usually used with Cat6A or Cat7 network patch cords,

Sep 18, 2025

What Is 10GBASE-SR? Complete Guide to 10G SFP+ SR Optics

Designed for high-density and cost-sensitive environments, 10GBASE-SR offers an optimal balance of performance, power efficiency, and interoperability, making it the most widely deployed optical

Jan 23, 2026

Cisco Transceiver Modules

Cisco Transceiver Modules - Some links below may open a new browser window to display the document you selected.

Mar 16, 2026

Cisco 10 Gigabit Modules

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

Apr 21, 2026

Unlocking the Potential of 10GE SFP+: What You Need

Discover the essentials of 10GE SFP+ transceivers for high-speed data connectivity. Learn about 10GBASE-T modules, optical options, and their

May 01, 2026

10G SFP+ Optical Transceivers | Transceiver Module

FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for data centers, enterprise wiring closets, Internet Service

Dec 31, 2025

HW SFP-10G-GE-LX 1000BASE-LX and 10GBASE-LR

Check FS 10gbe SFP+ transceiver module compatible HW SFP-10G-GE-LX datasheet (1000BASE-LX and 10GBASE-LR SFP+ module, 1310nm 10km DOM)

Jun 01, 2026

Fiberworks Data Sheet

The SFP-10GE transceiver family are small form factor pluggable modules for bi-directional serial optical data communications such as 10GBASE Ethernet. The modules are compliant to the SFP+ MSA and

Oct 31, 2025

HW SFP-10G-GE-LX 1000BASE-LX and 10GBASE-LR SFP

Featuring low power consumption, high speed, this 10G SFP+ transceiver is ideal for data centre, 10G Ethernet and Fibre Channel etc.

Contact Us

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

Website: <https://piano-lessons.co.za>

Email: info@piano-lessons.co.za

Phone: +31 6 37258914

Address: Herengracht 123, 1015 BT Amsterdam, Netherlands

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