

What brand of 10 Gigabit optical module



Article Overview

10G SFP+ optical modules are high-performance, multi-vendor compatible transceivers suitable for data centers, enterprise networks, and telecom applications.

Overview

10G SFP+ modules are compact, hot-swappable transceivers designed for 10 Gigabit Ethernet connectivity. They support both single-mode (SMF) and multi-mode fiber (MMF), with various transmission distances ranging from short-range (up to 300m) to long-range (up to 40km), depending on the module type and wavelength. These modules are widely compatible with major networking brands such as Cisco, Juniper, Arista, HP, Dell, Ubiquiti, and H3C, making them ideal for multi-vendor environments.

Types of 10G Optical Modules

- SFP+ (Small Form-factor Pluggable Plus): Supports 10 Gbps data rates, commonly used in switches, routers, and servers. Available in SR, LR, and ER variants for different distances.
- XFP, X2, XENPAK: Larger form factors for specialized applications, including long-distance or high-power transmission.
- 10GBASE-SR: Short-range, 850nm wavelength, multi-mode fiber, up to 300m.
- 10GBASE-LR: Long-range, 1310nm wavelength, single-mode fiber, up to 10km.
- 10GBASE-ER: Extended range, 1550nm wavelength, single-mode fiber, up to 40km.
- 10GBASE-T: Copper-based SFP+ modules for up to 80m over RJ-45 cabling.

Key Features...

Article Content

Oct 23, 2025

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

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

Aug 09, 2025

10GB SFP Module Guide: Types, Specs, and How to Choose

Learn everything about 10GB SFP modules, including types, specifications, compatibility, and how to choose the right 10G SFP+

Jul 17, 2026

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

Jun 07, 2026

SFP+ Single Mode LC Module (10km)

Duplex LC optical interface Supports data rates of up to 10.31Gbps Supports 1310nm single mode network transmissions Low

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Optic Modules Datasheet

Features and Benefits The following table lists the different pluggable optic modules and supported platforms, along with the

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The Essential Guide to SFP-10G-LR Optical Transceivers

What is an SFP-10G-LR Optical Transceiver? The SFP-10G-LR is a hot-pluggable, industry-standard small form-factor

Sep 11, 2025

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

Feb 18, 2026

How to Choose Fiber Optic Cable for 10G SFP+ Optical Transceiver?

Overview of SFP+ Optical Transceiver Module Before coming to the main part of this article, let's first have a brief

Feb 05, 2026

10 Gigabit Fiber SFP+ Optical Transceiver Module

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

Jul 09, 2026

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

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

Apr 03, 2026

10 Gigabit Optical Transceivers | SFP+ and XFP Modules | Perle

Perle 10 Gigabit Optical Transceivers are interchangeable, compact media connectors and enable a single network device to

Apr 25, 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,

May 19, 2026

Best 10Gb Switch for SMB in 2025: Unlock Next-Gen Network

Upgrading to 10 Gigabit Ethernet (10GbE) switches is a critical step to overcome bottlenecks and future-proof SMB

Nov 22, 2025

Ubiquiti 10Gbps Multi-Mode Optical Module 2-Pack for

The 10 Gbps Multi-Mode Optical Module, model UACC-OM-MM-10G-D-2, from Ubiquiti is a high

Oct 23, 2025

Best 10Gb Switch for SMB in 2025: Unlock Next-Gen Network

In today's data-driven landscape, Small and Medium Businesses (SMBs) face growing challenges as traditional 1

May 20, 2026

Introduction of 10G SFP+ Optical Modules

10G SFP+ optical module is a popular category widely used in data centers, enterprise networks, edge devices, and

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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

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10G SFP+ - Optcore

10G SFP+ Transceiver Optcore 10G SFP+ transceivers are suitable for 10G Ethernet and fiber channel connectivity. They comply

Nov 24, 2025

10 Gigabit Fiber SFP+ Optical Transceiver Module

10 Gigabit Connectivity Whether you need a fast connection to your 10 GbE equipped server or NAS device, or if you simply want to

Aug 08, 2025

Optical Transceivers Manufacturer

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

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Ubiquiti Store

Hier sollte eine Beschreibung angezeigt werden, diese Seite lässt dies jedoch nicht zu.

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10G Multi-Mode Optical Module

SFP+ transceiver that supports 10G connections up to 400 m using multi-mode fiber with a duplex LC UPC connector.

Oct 02, 2025

FS Community

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Apr 26, 2026

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

Sep 29, 2025

10 Gigabit SFP+ Fiber Optic Transceivers | High-Speed & Reliable

Our 10 Gigabit SFP+ transceivers are designed to provide high-speed fiber optic connectivity for network switches and media

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D-Link 10 Gigabit Ethernet Optical Transceiver Multimode ...

GENUINE D-LINK OPTICAL TRANSCEIVER - Enhanced Small Form-Pluggable (SFP+) form factor. A compact, hot-pluggable

Jan 12, 2026

10G SFP+ Optical Transceiver Selection Guide

The SFP+ (Small Form-factor Pluggable Plus) transceiver is a compact, hot-swappable module used for 10 Gigabit

Apr 25, 2026

10Gtek 10GBase-SR SFP+ LC Transceiver, 10G 850nm MMF

10GBASE-SR SFP+ to LC Optical 10 Gigabit Ethernet Fiber transceiver module, 10GbE Multimode SFP+ (compatible with both

Jun 28, 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

Feb 13, 2026

Optical Transceivers

Multi-vendor coding options available for your 10GB Ethernet requirements. Available in Multimode, Single Mode, Extended Range,

Aug 29, 2025

10G SFP+ Optical Transceivers | Transceiver Module

FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for

May 07, 2026

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit Ethernet connectivity options for data center,

Nov 01, 2025

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+

Jun 10, 2026

10Gb SFP+ RJ45 Transceiver, 10GBASE-T SFP to

10Gb SFP+ RJ45 Transceiver, 10GBASE-T SFP to Ethernet Module, 10 gigabit SFP Copper RJ-45 30m,

Jan 24, 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

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Cisco Transceiver Modules

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

May 14, 2026

Cisco 10GBASE SFP+ Modules Data Sheet

Learn more about how Cisco is using Inclusive Language. A broad range of industry

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Ubiquiti UACC-OM-MM-10G-D 10G SFP+ Multi-Mode Optical Module

Quickly configure your fiber optic network with the UACC-OM-MM-10G-D 10G SFP+ Multi-Mode Optical Module. Each multi-mode

Contact Us

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