

10 Gigabit 10G Data Communication Switch Single-Mode Optical Module



Overview

The 2A-142G 10G Single-Mode/10KM Fiber SFP+ Module is designed for use in 10GbE Ethernet environment that allows you to connect a single-mode Gigabit Ethernet network cable to a network switch's SFP+ port. Cisco 10GBASE SFP+ modules offer the following features and benefits. Power Consumption CLASS 1 LASER PRODUCT, IEC/EN 60825-1:2014 Do not look into the ends of the fiber optic cable or SFP module while converters are. FS 10GbE SFP+ module solutions provide a wide variety of 10 Gigabit Ethernet connectivity options for data centers, enterprise wiring closets, Internet Service Providers (ISPs) applications. All TRENDnet 10G SFP+. EnGenius's premium TAA compliant SFP+ SFP3213-10 transceiver is a hot-swappable, multi-purpose module that supports up to 10 Gigabit Ethernet over long distances. The transceiver provides 10 Gbps serial optical data transfer rates on a single duplex fiber core up to 10,000 meters at 1,310 nm.



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10G SFP+ LR 1310 nm 10 km Optical Transceiver

The 10G SFP+ LR 1310 nm 10 km Optical Transceiver Module delivers carrier-grade performance for 10 Gigabit Ethernet links up to 10 km over ITU-G.652

10G SFP+ Fiber - SFP+ Single Mode LC Module

TRENDnet's SFP+ Single Mode LC Modules are compatible with standard SFP+ slots found on network switches and fiber converters. Each single mode 10G

Cisco SFP vs GBIC vs XFP vs SFP+: A Practical

Distance: Multimode fibers cover short distances (hundreds of meters), while single-mode fibers reach tens of kilometers. Common

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

10G Gigabit Single Mode SFP+ LC Module,10G

□10GBase-LR SFP+□: 10 Gigabit Ethernet Single mode SFP+ Module, 10 Gb/s, 1310nm wavelength, Duplex Dual LC, SMF, operates on

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Media Converters are capable of supporting high-speed networks, including gigabit Ethernet and beyond, depending on the model. They ensure seamless data transfer across different media types.

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10GE SFP+ Optical Modules

This document provides an overall description of the CE12800 series switches hardware, helping you obtain detailed information about each chassis, power module, fan module, card, cable, and

10G Single-Mode Optical Module

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

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Cisco SFP-10G-LR-X Overview: Specs, Features & Applications

The Cisco SFP-10G-LR-X is a Cisco-branded SFP+ transceiver module engineered for long-range optical communication over standard G.652 single-mode fiber. It is commonly deployed in 10 Gigabit

Optic Modules Datasheet

4 Optic Modules Data Sheet ... SFP (form factor) = small form-factor pluggable transceiver SMF (media) = single-mode fiber-optic MMF (media) = multimode fiber-optic XFP (form factor) = 10-gigabit small

What Is 10GBASE-LR? SMF 1310nm 10km SFP+ Explained

A practical, engineer-grade guide to 10GBASE-LR: what it is, 1310nm single-mode SFP+ specs, optical budget examples, deployment best practices and troubleshooting.

SFP3213-10: 10 Gigabit SFP Module for Switches

The transceiver provides 10 Gbps serial optical data transfer rates on a single duplex fiber core up to 10,000 meters at 1,310 nm wavelength, ideal

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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

10 Gigabit Ethernet

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.

Pluggable Optical Module Market Research Report 2034

The pluggable optical module market was valued at \$9.8 billion in 2025 and is projected to reach \$26.4 billion by 2034, growing at a CAGR of 11.6%.

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Single-Mode vs Multi-Mode Fiber Optic & SFP Modules – Know the Difference

☐☐ Choosing the right fiber optic cable and SFP module is critical for building reliable and scalable networks.

QSFP28 Price Guide 2026: 100G Transceiver Costs & TCO

That afternoon, a colleague sent her a quote from a compatible optics supplier. The modules met the same QSFP28 LR4 optical specification, supported the same 10km single-mode

Axiom 10GBase-LR SFP+ Transceiver for Allied Telesis

1 x LC 10GBase-LR Network Media & Performance: Media Type Supported Optical Fiber Fiber Mode Supported Single-mode Ethernet Technology 10 Gigabit Ethernet Network Technology 10GBase-LR

Contact Us

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