

Single-mode fiber optic module 10g



Overview

The XG-SFP-LR-SM1310 is aligned to IEEE 10GBASE-LR optical specifications and supports a link length of up to 10 kilometers over a single-mode fiber (SMF) with an LC connector. A broad range of industry-compliant SFP+ modules for 10 Gigabit Ethernet deployments in diverse networking environments. 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. TRENDnet's SFP+ Single Mode LC Modules are compatible with standard SFP+ slots found on network switches and fiber converters. Each single mode 10G SFP+ transceiver is equipped with a duplex LC fiber connection interface, and supports high-speed data rates up to 10. Trusted by 260K+. H!Fiber offers one-stop Datacenter solution and products, including SFP Transceivers, DAC Cables, Network Card, Media Converters, Fiber Optical Cables, Minisas Cables and more. We have a professional technical team to provide you with professional pre-sales and after-sales service. SPEED REDEFINED: 10 Gigabit Performance for Modern Networks Subheading Focus: Bandwidth & Low Latency Speed defines.



Article Content

Mar 25, 2026

Hilink Optics QSFP QSFPDD OSFP 10G SFP

If you have any questions about Hilink Optics CWDM DWDM QSFP QSFPDD OSFP 10G SFP transceivers, we will give the professional solutions to you.

May 31, 2026

Fiber Optic Cable Pricing Guide: Factors That Affect

Fiber optic cables are essential components in today's broadband, FTTx, and data center networks. Whether you're planning a national fiber rollout

Nov 27, 2025

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.

Jun 24, 2026

Optical Transceivers / SFP Modules – High-Performance Compatible Fiber ...

Comprehensive Optical Transceivers & SFP Module for High-Speed Networks LINK-PP offers a full range of optical transceivers and SFP module for modern data centers, telecom networks, and

May 10, 2026

optical transceiver sfp+ 10g single mode module 1310nm 10km lc

The 1310nm LC Interface 10G Singlemode Dual-fiber Optical Module is the workhorse of the modern network. It combines speed, distance, and reliability into a compact package.

May 13, 2026

Transceiver Optical Module Cisco 10G SFP+ 1270nm CWDM

Fiber Optical Transceiver|Optical Module Cisco Compatible CWDM 10G SFP+ 1270nm 40km Duplex LC/UPC Single Mode Specifications 10G SFP+ CWDM fiber module is a workhorse for handling

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Single Mode vs Multimode Fiber, What is The

Learn the key differences between single mode vs multimode fiber cables and choose the right one for your fiber optic system.

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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

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The Key Differences Between 1-core, 2-core, Single

o In optical modules, "core" refers to the light-transmitting channel in the fiber. A 1-core module uses a single fiber core for data transmission, while a

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Single Mode 10G SFP+ Module: Price, Types & Buying Guide

Explore single mode 10G SFP+ modules, including LR, ER, and ZR types. Compare prices, distances, and compatibility to choose the right module.

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Transceiver Optical Module Cisco 10G SFP+ 1270nm CWDM

As a versatile network component, 10G SFP+ CWDM fiber optical transceiver supports data rates of up to 10G, operating within the 1270-1370nm wavelength range, enabling efficient and reliable data

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

Fiber Optical Cable OM3 Duplex OM5 Duplex OS2 Simplex MPO-MPO Extension QSA (40G/100G) SFP+/QSFP Extension Loopback SFP+/SFP28 Loopback

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10G Multi-Mode Optical Module

SFP+ transceiver that supports 10G connections up to 300 m using multi-mode fiber with a duplex LC UPC connector.

Jan 04, 2026

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

The XG-SFP-LR-SM1310 is aligned to IEEE 10GBASE-LR optical specifications and supports a link length of up to 10 kilometers over a single-mode fiber (SMF) with an LC connector.

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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

Dec 22, 2025

Single-mode optical fiber

In fiber optics, a quadruply clad fiber is a single-mode optical fiber that has four claddings. Each cladding has a refractive index lower than that of the core.

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Fiber Optic Cables | Fiber Patch Cables | Patch Cords,

We stand behind the craftsmanship of every fiber optic product we deliver. From Indoor / Outdoor, Single mode & Multimode to Mode Conditioning and SFP

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Single Mode Optical Modules Market 2026

The market is seeing growing interest in coherent Single Mode Optical Modules for metro and long-haul applications, offering improved transmission performance and spectral efficiency. This trend is

Jun 14, 2026

Cisco SFP-10G-LR Compatible SFP+ Module

THE IT PRO'S CHOICE: Designed and built for IT Professionals, this SFP module is backed for life (lifetime of module, not network switch), including free lifetime

Nov 02, 2025

2018 wholesale price Optics 10g Module

Kami ay ISO9001, CE, at GS certified at mahigpit na sumusunod sa kanilang mataas na kalidad na mga detalye para sa 2018 pakyawan na presyo Optics 10g Module - 155M Single Mode 40Km DDM |

Mar 31, 2026

10G Single-Mode/10KM Fiber SFP+ Module

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

Apr 01, 2026

SFP Module Prices Comparison by Top 5 SFP

Why Optical Transceiver Manufacturers Listed Below are for SFP Price Comparison
First, pick up the most relevant optical transceiver

Aug 23, 2025

Learn how to choose the right SFP module for your network. Avoid ...

What Is an SFP Module? An SFP (Small Form-factor Pluggable) module is a hot-swappable transceiver used in switches, routers, servers, and telecom equipment to transmit data

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How to Convert Multimode to Single-mode Fiber: A

Fiber to Fiber Media Converter Fiber-to-fiber media Converter is the most common device for converting between different optical light signals. It

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Multi-Mode to Single-Mode Conversion: How to Bridge

Convert fiber between multimode and single mode using smart methods for better speed, longer distance, and reliable network performance.

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Buy Fiber Optic Isolator,Single Mode Polarization Maintaining,PM

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