

20 10 Gigabit optical modules for 10km



Overview

10Gb SFP SFP+ module transceiver optical module is a high-performance 10G SFP+ fiber module designed for 20km bidirectional data transmission over single-mode fiber (SMF). 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. 25/10 Gigabit Ethernet applications. It is typically implemented using SFP+ transceivers and defined under IEEE 802. 10G-LR module has become one of the most widely. If the SFP-10G-ER-1310 is connected to a 10Gbase-ER standard optical module (1550nm, 10GE, 40km), the maximum transmission distance is only 20km due to different specifications such as wavelength and receiving sensitivity. For. Our Cisco, HP and Brocade ready 10GBASE-SR Multimode SFP+ Modules feature low power consumption (<800mw) using Duplex LC OM3 fiber up to 300m (984').



Article Content

Mar 13, 2026

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

Feb 16, 2026

10G SFP+ module SM 20KM 40KM 80KM TX/RX

SFP+-10GB-LR is a very compact 10Gb/s optical transceiver module for serial optical communication applications at 10Gb/s. The SFP+-10GB-LR converts a

Dec 28, 2025

StarTech HP JD119B Compatible SFP Transceiver Module

StarTech HPE JD119B Compatible SFP Module - 1000BASE-LX - 1GbE Single Mode (SMF) Fiber Optic Transceiver - 1GE Gigabit Ethernet SFP - LC 10km - 1310nm - DDM HPE 5900, 12500, 5500

Sep 01, 2025

10Gb SFP SFP+ Module 20Km | Dual Wavelength

High-performance 10Gb SFP SFP+ module BiDi optical modules with 20km reach. Dual wavelength options (TX1270/RX1330 and TX1330/RX1270),

Nov 10, 2025

Models, specifications, and compatibility

Models, specifications, and compatibility Gigabit SFP optical transceiver modules use LC connectors. The specifications for Revision D transceiver products are the same as the specified Revision A, B,

Apr 12, 2026

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

10GBASE-LR is a 10-gigabit Ethernet optical standard that operates at 1310 nm over single-mode fiber (SMF), supporting link distances of up to 10 km.

Nov 22, 2025

10G SFP+ Transceiver Modules& 10Gbase-T | FiberMall

The available optical SFP modules are generally divided into the following categories: 850nm in wavelength/300m transmission distance MMF (SR),

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Arista Optics Modules and Cables

25 Gigabit Ethernet SFP25 Optical Specifications ... When connecting 25G-MR-XSR/LR optics to legacy fixed rate 10G optics, attenuation may be required to ensure the optical input power to the 10G

Aug 18, 2025

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

Genuine Amphenol 10GBASE-SR SFP+ Optical Transceiver Modules provide a high-density, high-performance interface for 10-Gigabit Ethernet and Fibre

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TURKMENISTAN 10 GIGABIT OPTICAL MODULE ...

View results and find turkmenistan 10 gigabit optical module manufacturer datasheets and circuit and application notes in pdf format.

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10G SFP SM BiDi 20km Transceivers

HTF" SFP+ BIDI 20km transceiver is designed for use in 10-Gigabit Ethernet links up to 10km over single mode fiber. The module consists of CWDM DFB Laser,

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Price QSFP28 optical module 10G online manufacture

3he03612aa sfp optical module CT QDS400SZRTA00 400G QSFP-DD OIF ZR for cloud management 10 gigabit firewall part number details SFP-GE-LX 1.25G SFP 1310nm 10KM SFP-GE-T 1000BASE

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10G SFP+ Optical Transceivers | Transceiver Module

Click to get your 10G SFP+ transceiver modules from nearby warehouses. 30-Day Free Return. Trusted by 260K+ Enterprise Users.

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Reyee XG-SFP-LR-SM1310

General Overview The Reyee XG-SFP-LR-SM1310 is an optical transceiver module in SFP+ format designed for 10 Gigabit connections over single-mode fiber (SMF). With a guaranteed range of 10 km

Mar 30, 2026

10GE SFP+ Optical Modules

If the SFP-10G-ER-1310 is connected to a 10Gbase-ER standard optical module (1550nm, 10GE, 40km), the maximum transmission distance is only 20km due to different specifications such as wavelength

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Inventory Of 10G Optical Modules

The 10G SFP+ CWDM optical module is a coarse wavelength division multiplexing optical module, with a maximum transmission distance of up to 80km. It adopts CWDM technology to

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turkmenistan-10-gigabit-optical-module-manufacturer

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Data Center Transceivers & Cables

25GBASE-MR-LR Dual rate 10G/25G Up to 10km link lengths over single-mode fiber 25GBASE-AOC Optical Cable Link lengths of 3, 5, 7, 10, 15, 20, 25 and

Jan 28, 2026

Fiber Modules

SFP modules support very low EMI and excellent ESD protection. Featuring low power consumption, these fiber modules are ideal for enterprise LAN networks and other optical links. Please select the

Jun 06, 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, enterprise

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Turkmenistan 10 gigabit optical module manufacturer Germany

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Dell networking transceivers and cables

All optics and cables released by Dell Networking have passed comprehensive optical analytics check as well as an extensive dynamic test suite. Dell-labeled optics are warrantied alongside the Dell

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