

10 Gigabit Optical Module with One Core



Overview

This hot-pluggable SFP+ transceiver is engineered to transmit 10Gbps data streams over single-mode fiber (SMF) for link lengths up to 40 kilometers, making it indispensable for metro Ethernet, campus backbone networks, enterprise data center interconnects (DCIs), and telecom. This hot-pluggable SFP+ transceiver is engineered to transmit 10Gbps data streams over single-mode fiber (SMF) for link lengths up to 40 kilometers, making it indispensable for metro Ethernet, campus backbone networks, enterprise data center interconnects (DCIs), and telecom. 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. Click to get your 10G SFP+ transceiver modules from nearby warehouses. Trusted by 260K+. 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 campus networks, enabling cost-effective, efficient, and high-speed interconnection among. A broad range of industry-compliant SFP+ modules for 10 Gigabit Ethernet deployments in diverse networking environments. The Cisco ® 10GBASE SFP+ modules (Figure 1) give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise wiring closet, and service provider. Amphenol SFP Optical Modules • SFP+ Optical Modules from Cables on Demand are Now Available in both Short Range (SR) Multimode and Long Range (LR) Single Mode Transceiver versions. Our Cisco, HP and Brocade ready 10GBASE-SR Multimode SFP+ Modules feature low power consumption (<800mw) using Duplex. BENCHU GROUP's SFP+-10G-LR13-10 SFP+ transceiver module is a high-performance optical module designed for 10 gigabit ethernet applications over single-mode fiber (SMF).

Article Content

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

XG-SFP-LR-SM1310 10GBASE-LR SFP+ 1310-nm 10-km DOM Duplex LC SMF Optical Transceiver Module Applicable to data center and campus networks, enabling cost-effective, efficient, and high

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.

400G Optical Module: Growth Opportunities and Competitive

The 400G Optical Module market is projected to reach \$14.8B by 2025, growing at 11.5% CAGR. Demand from data centers and telecom drives this expansion. Access market growth analysis.

10G Single-mode SFP+ Transceiver Module (SMF,

Equipped with an LC connector and Digital Optical Monitoring (DOM), it ensures real-time diagnostics for performance monitoring. The module is compliant with

Cisco Networking for Service Providers

Find the scalable network infrastructure and software solutions to address your challenges with Cisco Networking for service providers.

1000BASE-SX, 1000BASE-LX, 1000BASE-ZX& BX SFP:

Do you know the gigabit Ethernet standards? This post explains 1000BASE-SX, 1000BASE-LX, 1000BASE-LH, 1000BASE-EX, 1000BASE-ZX

Optic Modules Datasheet

Data Sheet datasheet is intended to guide the user through the various options available when choosing an optic module for a given platform depending on the architecture.

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

10 Best Fiber Optic Manufacturers for 2026

Discover the best fiber optic manufacturers globally, offering cutting-edge multimode and single mode fiber solutions. See who tops the list for quality

10GE SFP+ Optical Modules

Single-fiber bidirectional (BIDI) optical modules must be used in pairs. For example, SFP-10G-BXU1 must be used with SFP-10G-BXD1.

Cisco 10GBASE SFP+ Modules Data Sheet

The Cisco 10GBASE SFP+ modules give you a wide variety of 10 Gigabit Ethernet connectivity options for data center, enterprise wiring closet,

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

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

SFP-10G-ER Explained: Powering 40km 10Gbps

This comprehensive guide dives deep into the SFP-10G-ER optical transceiver module. Learn its technical specifications, key applications,

QSFP Optical Module Planning for the Future: Key Trends 2026-2034

Explore the dynamic QSFP optical module market, forecast to reach \$14.7 billion by 2025 with a 4.5% CAGR. Discover key drivers, trends, and applications in high-speed networking and data

SFP3312-20A: SFP+ Switch 10Gig Bi-Directional Fiber

They enable 10 Gbps optical data transfer over a single duplex fiber core, reaching up to 20 km—perfect for enterprise networks, metropolitan and regional links.

Factory Price Optical Module 1.25G DWDM SFP Module CH17 40km

Factory Price Optical Module 1.25G DWDM SFP Module CH17 40km DDM LC Connector Compatible With Multiple Brands

Empowering Enterprise Connectivity: An In-Depth Look at the Huawei ...

Discover the details of Empowering Enterprise Connectivity: An In-Depth Look at the Huawei S5735-L48P4X-A Switch at LonRise Equipment Co. Ltd., a leading supplier in China for

AI Data Center Optical Transceiver Module Market 2025–2030

AI Data Center Optical Transceiver Module Market 2025–2030 Posted on Apr-03-2026
The AI data center optical transceiver market has entered a historic growth phase, driven by the exponential

SFP-10G-LR Compatible | 10GBASE-LR SFP+ Optical

Designed for 10 Gigabit networks, this module transmits data up to 10km using 1310nm wavelength over Single Mode Fiber. Ideal for campus backbones and

Cisco 10 Gigabit Modules

Cisco currently supports many different port types where each one is optimized for the reach and transmission media demanded by a particular 10 Gigabit

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

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10 Gigabit Fiber SFP+ Optical Transceiver Module

10GBase-LR Gigabit Fiber SFP+ Optical Transceiver Module The line of Intellinet Network Solutions Enhanced Small Form Factor Pluggable (SFP+) Transceivers provides customers with a combination

400G Optical Transceiver: Cisco 400G Optics, Pricing & Applications

The 400G optical transceiver has been established as the mainstream solution for next-generation core interconnects. Whether Cisco 400G transceivers or widely adopted modules such as

Small-Form Factor Pluggable (SFP) and Stacking Accessories

Meraki's hardware warranty and return policy and Meraki EOL policy does not apply to Cisco Optics, Cables and accessories in any shape or form. C8455-G2-MX: The compatible SFP modules on the

We are Nokia | Nokia

We invent a new type of optical fiber, Non-Zero Dispersion Fiber (NZDF), that becomes widely deployed in intercontinental and long-haul terrestrial networks.

Guide to 10G BiDi SFP+ Optical Transceivers Modules 2025

Our 10G BiDi SFP+ Optical Transceivers Modules deliver full 10 Gb/s over a single strand of single-mode fiber, halving fiber count and simplifying cable management. In this guide, we dive into

Contact Us

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