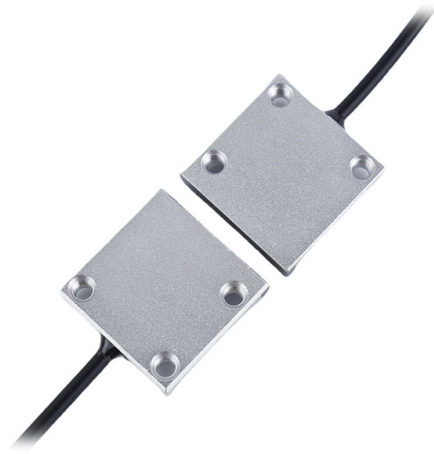


Certified Low-Power Optical Module SFP



Overview

This optical module supports 10Gb/s rates over 40km with low power consumption and robust environmental adaptability. SFP (Small Form-factor Pluggable) optical modules are compact, hot-pluggable transceivers that enable network equipment to connect seamlessly to fiber and copper links. These modules, including SFP, SFP+, and SFP28, are widely used in enterprise networks, data centers, and carrier-grade deployments. FS provides 1/2/4G transceivers modules in SFP form factor, supporting transmission distances from 100m to 120km over SMF/MMF fiber and enabling low power and cost-effective connectivity solutions. Purchase from nearby warehouses. Choosing low-power optical modules today is one of the simplest, lowest-risk ways to reduce OPEX and improve sustainability without changing. The industry-standard Cisco Small Form-Factor Pluggable (SFP) Gigabit Interface Converter (Figure 1) links your switches and routers to the network. The hot-swappable input/output device plugs into a Gigabit Ethernet port or slot. Optical and copper models can be used on a wide variety of Cisco. Experience high-performance, reliable fiber connectivity with our Optical Transceiver Module, designed for long-haul data transmission. Ideal for enterprise and telecom. 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.



Article Content

40G QSFP+ to SFP+ AOC Active Optical Cable / Breakout Cable For

Four-channel full-duplex active optical cable Transmission data rate up to 11.3Gbit/s per channel Reliable VCSEL array technology using multimode fiber Available in standard lengths of 3, 5, 10, 15,

Cisco SFP Modules for Gigabit Ethernet Applications

This data sheet describes the benefits, specifications, and ordering information for the Cisco SFP Modules for Gigabit Ethernet Applications.

Arista Optics Modules and Cables

Overview Arista's Optical Modules and Cable portfolio offer a wide variety of high-density and low-power 800G (dual 400G), 400G, 200G, 100G, 50G, 40G, 25G, 10G, 1G, and 100M Ethernet connectivity

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

Pluggable Transceivers Installation Guide

Each module provides 100 Mbps or 1000 Mbps optical connections. The type of switch, router, or other component determines the compatible type of SFP

SFP Optical Transceiver Modules for Long Distance: A

Discover everything you need to know about SFP optical transceiver modules for long-distance fiber transmission. Compare LX, EX, ZX models and

10G/1G Optics | HPE Juniper Networking US

Juniper's portfolio of qualified 10G and 1G optical transceivers are low-cost multipurpose modules available in footprint-optimized form factors for

The Most Comprehensive Guide Of Optical Modules

Explore the ultimate guide to optical modules. Learn types, functions, performance metrics & how to choose the right module for your fiber

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-8472, and are mainly used in

1/2/4G Transceiver Modules | Optical Transceivers

FS provides 1/2/4G transceivers modules in SFP form factor, supporting transmission distances from 100m to 120km over SMF/MMF fiber and enabling

Cisco GLC-FE-100BX-D SFP: Cost & Sourcing Guide

Cisco GLC-FE-100BX-D is a Fast Ethernet 100BASE-BX SFP optical transceiver designed for single-fiber bidirectional transmission, commonly used in enterprise access networks and legacy fiber

LS-BL315501-10C SFP 155M Simplex LC 10km BiDi 1310nm-TX

100BASE Connectivity for Data Center Featuring low power consumption, the 155M SFP transceivers offer a cost-effective solution for Gigabit Ethernet applications.

Low Price Factory Supply 10G SFP+ 1310nm 10km SMF LC DDM

Key attributes Type Optical Fiber Transceiver Connector Type LC Power Source 3.3v Use FTTH Network Wired LAN Model Number LS-SM3110C-10I Brand Name LINK-PP Place of Origin

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Customer stories Events & webinars Ebooks & reports Business insights GitHub Skills ...

Low-Power Optical Modules Supplier Guide: to Lower Data center Costs

What vendors call “low-power”: in practice you'll see modules marketed as “low-power SFP” or “energy-optimized SFP+” and manufacturers report typical reductions in the 20–35% range versus their

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

Lower Power Consumption: Compared to earlier 10G modules or those designed for longer reaches, SFP-10G-LR modules generally consume

0Gb/s 40km SFP+ Optical Transceiver Module

This optical module supports 10Gb/s rates over 40km with low power consumption and robust environmental adaptability. Ideal for enterprise and telecom applications, it ensures seamless

1.25G 1310nm 40Km CWDM SFP Optical Transceiver Module Single

This 1.25G CWDM SFP Optical transceiver Module is individually tested to be used on a series of switches, routers, servers, network interface card (NICs) etc. Featuring low power consumption, the

1.25G Copper SFP Module SFP-T 10/100/1000M Adaptive GLC-T for ...

MAX. Data Rate 1Gbps /10Gbps customized Transmission Distance 100M Optical Module Type SFP-T module Cable Type Network cable Working Voltage 3.3V Power dissipation <1.05W Compatible

SFP Optical Module Specifications: Standards & Performance

A practical guide to SFP Optical Module Specifications, covering data rates, optical budget, Tx/Rx power, DDM/DOM, standards, and deployment best practices.

High Compatibility OEM ODM Supported 10G SFP+ 1550nm 40km

Key attributes Type Optical Fiber Transceiver Connector Type LC Power Source 3.3V Use FTTH Network Wired LAN Model Number LS-SM5510-40I Brand Name LINK-PP Place of Origin

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

PSE 100G/400G pluggable coherent optics

How pluggable coherent optics bring performance and low power to industry standard transceiver module formats

SFP+ Module Growth Opportunities and Market Forecast 2026-2034:

The SFP+ Module market is projected to reach \$5.35 billion by 2034, driven by Ethernet Switches & Routers. Analyze 14% CAGR and key growth opportunities.

Dual Fiber Module LC SFP Transceiver Hilinktech 10G SFP+ 1550nm

Optic SFP+ Transceiver Module Mikrotik 1550nm 10G 80Km SFP With DDM Features Compliant with SFF-8413 and IEEE802.3ae Data rate selectable ≤ 4.25 Gbps or 9.95Gbps to 10.3Gbps bit rates Cooled

Hot Pluggable 10G SFP+ AOC Cable Active Optical Cable OM2

850nm VCSEL and PIN receiver Single 3.3V power supply Operating Case Temperature: -5~75°C Hot pluggable Low Power Consumption Light weight Small Bend Radius Digital Diagnostic Monitor

Tunable SFP+ Optical Transceiver with Limiting

The Lumentum tunable SFP+ module is a high performance tunable pluggable transceiver for use in the C-band window covering 1528 nm to 1566 nm. The

Contact Us

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