

12 SFP Gigabit LC optical interfaces



Overview

The world's first video UHD 12G-SDI video optical SFP (EB12LC) series supports 4K60 and 4K120 (dual link 12G-SDI). 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. The 8325 requires configuration of "interface groups" (groups of 12 ports) to enable use of 1G or 10G transceivers or DACs in the SFP28 ports (Interface Groups default to 25G speed). It supports SD/HD/3G/6G/12G-SDI signals and SDI pathological pattern transmission. com, we specialize in Cisco-compatible and NS Comm transceivers, offering enterprise customers tested, certified. SFP (Small Form-factor Pluggable) is a compact, hot-pluggable network interface module used to connect network devices (switches, routers, firewalls) to fiber optic or copper cables.



Article Content

Cisco SFP Modules for Gigabit Ethernet Applications

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

QSFPTEK 10GBASE-LR SFP+ Transceiver, 10Gb SFP Module,

Buy 10GBASE-LR SFP+ Transceiver, 10Gb SFP Module, 10G SFP Gigabit Single-Mode LC Optical Ethernet, 10GbE SMF 1310nm 10km DDM Compatible with Ubiquiti UF-SM-1...

16-Port Gigabit Smart Switch with 2 SFP Slots

Highlights 16× Gigabit RJ45 ports and 2× Gigabit SFP slots Free cloud centralized management via the Festa app or the web† Easy setup and use Zero-Touch Provisioning (ZTP) and Self-Organizing

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

This guide provides a clear, practical comparison among the most common transceiver types - GBIC, SFP, XFP, and SFP+ - to help you make

Perle Systems Perle Gigabit SFP Small Form Pluggable For Optical ...

Shop Perle Systems Perle Gigabit SFP Small Form Pluggable For Optical Network, Data Networking 1 x LC Duplex 1000Base EX Network Black products at Best Buy. Find low everyday prices and buy

BTON 80KM Optic SFP Transceiver 1490nm/1550nm DFB and APD 1.25G LC

BTON 80KM Optic SFP Transceiver 1490nm/1550nm DFB and APD 1.25G LC 0 to +70°C Simplex LC SM Fiber SFP Module with SDH/SONET

Allied Telesis AT-SPBD40-14/I SFP/LC 1G BIDI 40KM 1490TX ...

Allied Telesis AT-SPBD40-14/1 SFP (mini-GBIC) Module - For Optical Network, Data Networking - 1 x LC 1000Base-X Network - Optical Fiber - 9 μm - Single-mode - Gigabit Ethernet - 1000Base-X

SFP Fiber Optic Connector Types: LC, SC, MPO Explained

Explore common SFP fiber optic connector types, including LC, SC, and MPO/MTP. Learn their differences, use cases, and compatibility.

HPE Aruba J4858D 1G SFP LC SX 500m MMF Transceiver

Buy HPE Aruba J4858D 1G SFP LC SX transceiver module with 850nm wavelength, LC duplex connector, and up to 500m OM2 multimode fiber connectivity.

Huawei S5720-36C-EI-28S-AC Gigabit Switch with 28 Gig SFP Ports,

Huawei Switch S5720-36C-EI-28S-AC Part Number: 02359503 The Huawei S5720-36C-EI-28S-AC Gigabit Switch delivers resilient, energy-efficient GE ports for access switching in data centers and

10 Gigabit Ethernet

Closeup of a 10 Gigabit Ethernet XFP transceiver To implement different 10GbE physical layer standards, many interfaces consist of a standard socket into which

Huawei Switch S5700-28X-LI-DC with 24 Ethernet 10/100/1000 Ports

Huawei Switch S5700-28X-LI-DC The Huawei S5700-28X-LI-DC (02354234) is part of the S5700-LI series of gigabit enterprise switches. These next-generation energy-saving switches are designed to

Gigabit Ethernet

Optical fiber transceivers are most often implemented as user-swappable modules in SFP form or GBIC on older devices. IEEE 802.3ab, which defines the widely

Tripp Lite Industrial Gigabit SFP Transceiver 1000Base-LX SMF LC

Provides 1000Base-LX throughput up to 10 km via singlemode fiber cabling Hot-swappable interface lets you install and uninstall without shutting down Industrial-grade transceiver supports operating

Allied Telesis AT-SPLX10-90 TAA 1000LX/LC SFP 10KM OR SMF

Allied Telesis SPLX10-90 SFP (mini-GBIC) Module - For Optical Network, Data Networking - 1 x LC Duplex 1000Base-LX Network - Optical Fiber - Single-mode - 1.25 Gigabit Ethernet - 1000Base-LX -

12G-SDI SFP+ 1310nm 20km Video Optical Transceiver (Non-MSA)

Gigalight's Video transceiver supports SDI pathological patterns signals. The transceiver includes these sections: a DFB laser, a PIN photodiode integrated with a trans-impedance preamplifier (TIA)

Omnitron 7015-0 network transceiver module 1000 Mbit/s SFP Gigabit ...

- Compatible with iConverter media converter modules, T1/E1 MUXes and Network Interface Devices that support SFP, SFP+ and XFP transceivers - Compatible with FlexPoint, OmniConverter and

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,

Huawei S5720-56C-EI-48S-AC Gigabit Switch with 48 Gig SFP Ports

Huawei Switch S5720-56C-EI-48S-AC The Huawei S5720-56C-EI-48S-AC Gigabit Switch (Part Number: 02359558) delivers resilient, energy-efficient Gigabit Ethernet ports for access switching in

Huawei Switch S5700-10P-PWR-LI-AC Simplified Gigabit Network

Huawei Switch S5700-10P-PWR-LI-AC (02354037) The Huawei S5700-10P-PWR-LI-AC is a simplified gigabit switch with a super-flexible, easy-to-manage platform that optimizes L3 switching capacity

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

Amphenol SFP Optical Modules • SFP+ Optical Modules from Cables on Demand are Now Available in both Short Range (SR) Multimode and Long Range (LR)

SFP Transceiver Optical Fiber Single-Mode LC 1000Base-BX

Must be used with the two-way SFP optical transceiver module WDM in Gigabit fiber, Intellinet model 508599 or Cisco model GLC-BX40-D Data transfer rate: 1000 Mbps One LC port in 1000Base-BX

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.

Lilliput 12 Gb/s Video SFP+ Optical Receiver 12G-SFP

The Lilliput 12 Gb/s Video SFP+ Optical Receiver is an SFP+ module designed to accept an optical SDI signal and convert it to an electrical signal. It supports

LYNX Technik OH-TR-12G-LC 12G SDI Optical Transceiver SFP

This SFP module includes a receiver and a transmitter which facilitates the conversion of an electrical SDI signal into an optical signal for transmission over fiber, and also receives an optical SDI signal

The Ultimate Guide to SFP Modules (2026): Types,

Read the definitive 2026 guide on SFP modules. We explain Single Mode vs Multimode, DDM diagnostics, and how to choose the right transceiver for Cisco,

12G/6G-SDI UHD VIDEO OPTICAL SFP+ (emSFP)

The world's first video UHD 12G-SDI video optical SFP (EB12LC) series supports 4K60 and 4K120 (dual link 12G-SDI). The UHD video SFP also supports 6G-SDI,

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

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. It adopts the

Huawei Gigabit Switch with 28 Ethernet 10/100/1000 PoE+ Ports 4 10

Huawei Switch S5720-36C-PWR-EI-DC The Huawei S5720-36C-PWR-EI-DC (02350NHL) is a high-performance Gigabit switch featuring 28 Ethernet 10/100/1000 PoE+ ports, with 4 dual-purpose

Contact Us

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