

Single-fiber 10 Gigabit optical module SFP



Overview

SFP+ BiDi 10G is a 10-gigabit optical transceiver technology designed to transmit and receive data over a single strand of single-mode fiber, making it an efficient solution for modern fiber-constrained networks. 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. 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. This datasheet is intended to guide the user through the various options available when choosing an optic module for a given platform depending. Dipper Optics' 10 Gig SFP modules are high-performance SFP+ 10GE transceivers designed for 10G Ethernet and fiber optic applications. With a duplex LC connector and single-mode fiber support, these LC SFP modules provide reliable data transmission up to 20km. Complies with the SFF-8431 electrical.



Article Content

2026 Gigabit Ethernet switch Fiber Optical Media Converter 4 SFP module ...

*Gigabit fiber switch *4 SFP 2 RJ45 ports*With power supply*With SC/LC SFP modules 5KM/20KM optionalPlease note: Default with 2pcs 1310nm A side SFP module and 2pcs 1550nmB side, 4pcs

QSFPTEK 10G LR SFP+ Module, 10GBASE-LR Gigabit Ethernet O.

10G LR SFP+ Module, 10GBASE-LR Gigabit Ethernet Optic Transceiver, 10GbE Network MINI GBIC, SMF 1310nm 10km DDM LC Single-Mode for Cisco SFP-10G-LR, Mikrotik S-31DLC20D and Other

Reyee GE-SFP-LX20-SM1550-BIDI

BiDi Gigabit SFP Module on simplex single-mode fiber (LC), range 20 km, transmission 1550 nm / reception 1310 nm, with DDM optical monitoring. RoHS compliant.

10G BiDi SFP+ Modules: A Guide to Single-Fiber 10G

Explore how 10G BiDi SFP+ modules enable high-speed, bidirectional data over a single fiber, cutting costs, saving fiber, and simplifying network deployment.

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

They support multimode dual fiber, single-mode dual fiber, single-mode single-fiber, Coarse Wave Division Multiplexing (see the CWDM Optical Transceiver Data Sheet) and Unshielded Twisted Pair

Gigabit BiDi Optical Module Market

Gigabit bidirectional or BiDi optical modules stand at the forefront of this transformation, offering a unique approach to optimizing fiber infrastructure by

10 Gig SFP Modules | SFP+ 10GE LC SFP Module

High-performance 10 Gig SFP modules with duplex LC connectors, supporting up to 20km transmission over single-mode fiber. Features DFB transmitter, PIN

China China Wholesale 40km SFP Module Transceiver Manufacturers ...

China Wholesale 40km SFP Module Transceiver Manufacturers Pricelist - 1.25G Single Mode 20Km DDM | Single Fiber SFP Transceiver JHA5420D-35 - JHA

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.

SFP+ BiDi 10G Guide: Single Fiber 10G Optical Transceivers

Learn what SFP+ BiDi 10G is, how single-fiber 10G transceivers work, key specs, use cases, and how to choose the right BiDi module.

1.25G Gigabit Module SFP LC Connector Optical SFP Transceiver

Attributes Fiber Adapter & Connectors Type Indoor Use SM1012 Model Number
SMITON Brand Name Guangdong, China Place of Origin 1 Year Warranty Time Product
name: 1.25G Gigabit Module SFP

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

Accortec 10GBASE-DWDM 1534.25nm (ITU Channel 54) SFP+ Optics Module ...

Accortec 10GBASE-DWDM 1534.25nm (ITU Channel 54) SFP+ Optics Module - For Data Networking, Optical Network - 1 LC 10GBase-DWDM Network - Optical Fiber - Single-mode - 10 Gigabit Ethernet

1.25G SFP Transceiver, Up to 40 KM, DDM Hot Swap TX1310nm LC Single ...

FIBER TYPE: This SFP optical module adopts LC single mode fiber, and provides 1.25Gbps transfer rate, TX1310 nm, distance reaches up to 40KM. METAL: This SFP optical transceiver adopts

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.

Differences Between Optical Modules SFP, SFP+, CFP, XFP, QSFP

In addition, there are long-reach WDM SFP transceivers for multiplexing, simplex SFPs for single-fiber applications, video SFP transceivers for transmitting high-definition video, and PON

Cisco Optics | Transform Your Network

Get the highest quality, performance-leading optical transceivers for any network architecture. Find the transceiver model to fit your network.

Suchergebnisse für "Romanian Gigabit Industrial Optical Module ...

Ubiquiti UACC-OM-MM-10G-D-2 network transceiver module Fiber optic 10000 Mbit/s 850 nm 90,04 € 75,66 € In den Warenkorb Ubiquiti EdgeRouter X SFP wired router Gigabit Ethernet Black 159,65

Optical Modules Market Research Report 2034

Optical Modules Market Outlook 2025-2034 The global optical modules market was valued at \$14.8 billion in 2025 and is projected to reach \$39.6 billion by 2034,

SFP-10G-ER40 Single Mode 10G 40km SFP Transceiver Module 10G

Product Summary SFP-10G-ER40 Single Mode 10G 40km SFP Transceiver Module 10G SFP+ 1550nm 40km Product Description SFP+ ER 40KM fiber optic transceiver is designed for use in 10-Gigabit

Genuine Fiber Channel Cisco Gigabit Ethernet SFP-10G-LR-S Module

Product Summary Genuine Fiber Channel Cisco Gigabit Ethernet SFP-10G-LR-S Module ODM The Cisco SFP-10G-LR-S compatible SFP+ transceiver provides 10GBase-LR throughput up to 10km

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

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

Cisco GLC-LH-SMD Compatible SFP Module

Cisco GLC-LH-SMD Compatible SFP Module - 1000BASE-LH - 1GbE Single Mode Fiber SMF Optic Transceiver - 1GE Gigabit Ethernet SFP - LC 20km - 1310nm -

An introduction to SFP ports on a Gigabit switch

Like the earlier SFP model, SFP+ modules support both fiber and copper, but copper interconnects are limited to 10 m at 10 Gbps. The SFP+ specification supports single-mode fiber

H!Fiber 10G Single Mode SFP+ LC Module, 10GBase

H!Fiber offers one-stop Datacenter solution and products, including SFP Transceivers, DAC Cables, Network Card, Media Converters, Fiber Optical

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

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-10G-20, Mikrotik, Netgear

Contact Us

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