

28Gsfp optical module



Overview

An SFP28 (Small Form-factor Pluggable 28) transceiver is a compact optical module designed for 32G Fibre Channel (FC) and 25G Ethernet applications. FiberStamp SFP28 Active Optical Cables are direct-attach fiber assemblies with SFP28 connectors. They are suitable for very short distances and offer a cost-effective way to connect within racks and across adjacent racks. Achieve exceptional connectivity distances with ease. Fiber Optic 28G SFP Transceiver supports a. Cisco ® QSFP28 100G ZR extends 100GbE coherent links from QSFP28 ports reaching up to 80km over dark fiber and up to 300km over amplified Dense Wave Division Multiplexing (DWDM) links. It provides a streamlined upgrade path from 10G networks, delivering higher bandwidth and improved performance. QSFP28 (Quad Small Form-Factor Pluggable 28) enables 100G transmission by aggregating four parallel 25G electrical lanes, delivering an optimal. The abbreviation QSFP28 stands for Quad Small Form-factor Pluggable 28. Four lanes at 28 Gbps yield a raw throughput of 112 Gbps.



Article Content

Transceivers Explained: SFP vs SFP+ vs SFP28 vs QSFP+ vs QSFP28

Are you confused by the difference between SFP, SFP+, SFP28, QSFP+, and QSFP28 transceivers? You're not alone. As networks scale to meet the demands of cloud computing, AI, and edge services,

Demystifying SFP28: The Essential Guide to 25G

SFP28 is a 25G transceiver module for fast, efficient data transfer in modern networks, offering high speed, compatibility, and energy savings.

QSFP28 Transceiver: Complete 100G Connectivity Guide (2026)

QSFP28 transceiver guide covering module types, pricing, compatibility, and deployment. Learn how to choose, deploy, and troubleshoot 100G QSFP28 optics.

10km 1310nm 25G SFP28 Transceiver Dual Fiber Single Mode

The NuFiber SFP-25G-LR is a single-channel, pluggable, fiber-optic SFP28 transceiver module for 25G Ethernet and InfiniBand EDR applications. It is a high performance module for short-range data

SFP Module Price in Bangladesh 2026

Sfp Module Optical Media Converter Buying in Bangladesh This Small Form-Factor Pluggable (SFP) module is a compact, pluggable transceiver module that is used

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

Exclusively approved SFP28 Transceivers | Smartoptics

An SFP28 (Small Form-factor Pluggable 28) transceiver is a compact optical module designed for 32G Fibre Channel (FC) and 25G Ethernet applications. It provides

What Is QSFP28? A Clear Explanation of 100G Transceivers

Learn what QSFP28 is, how 100G transceivers work, key standards, module types, and common deployment scenarios in modern data center networks.

An In-depth Guide to 25G SFP28 Optical Transceiver

Discover the advantages, specifications, and applications of 25G optical transceiver solutions—for high-speed data center, enterprise, and telecom networks.

Sfp optical module telecommunications industry

About sfp optical module telecommunications industry Modern telecommunications depend on sfp optical module telecommunications industry as basic building blocks for fast data transfer over great

SFP vs SFP+ vs QSFP28 vs QSFP-DD: 2026 Optical Buyer's Guide

SFP vs SFP+ vs QSFP28 vs QSFP-DD: Master optical transceiver selection for 1G to 800G AI networks with our lab-verified guide.

1X TP-LINK TL-SM512LS-10KM Industrial Grade 10 Gigabit SFP Optical Module

1X TP-LINK TL-SM512LS-10KM Industrial Grade 10 Gigabit SFP Optical Module | Free worldwide shipping | Delivery in 10 days | Extra long warranty | koeedmro is an intelligent purchasing platform

SFP28 • QFSP28 Optical Modules for Sale | Cables on Demand

With data throughput in excess of 28.0 Gbps per lane, our 1X (1 x lane) SFP28 Optical Module (SR/LR) is perfect for use with 25-Gigabit (25G) Ethernet and our 4X (4 x lane) QSFP28 Optical Module

Optical Transceivers | Fiber Optic Transceivers | Form

Using fiber optic technology, it converts electrical signals from switches or routers into optical signals, transmitted as pulses of light, enabling

Cisco QSFP28 100G ZR Digital Coherent Optics Module Data Sheet

The Cisco QSFP28 100G ZR module expands the portfolio of digital coherent optics (DCO) modules to connect QSFP28 ports.

100GBASE Optical Transceivers and Cables Portfolio | FS

100GBASE Optical Transceivers and Cables Portfolio Product Overview The 100G transceiver module portfolio offers a wide variety of high-density and low-power 100G connectivity options for data

28G SFP28 Active Optical Cables Datasheets | FiberStamp

It is a high performance module for short-range data communication and interconnect applications which operate at 28.05Gb/s Gbps up to 70 m using OM3 fiber or 100 m using OM4 fiber.

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

Juniper Networks SFP28-25G-BX-U Compatible 25GBASE-BR BIDI

Juniper Networks SFP28-25G-BX-U compatible optical transceiver is a single fiber bidirection 25.8Gbps Small Form-factor Pluggable SFP28 BIDI module for use in 25GBASE Ethernet.

Intel E25GSFP28SRX Datasheet

Intel Ethernet SFP28 Optics are an excellent choice for high-speed communications equipment where extraordinary performance and reliability are essential. These hot-pluggable optical modules

SFP28 25G SR Optical Modules: High-Performance Network Solution

Explore the benefits of SFP28 25G SR optical modules for fast, cost-effective connectivity in data centers, enterprise networks, and 5G. Upgrade your network with FS.

direcXource Netgear DWDM-SFP10G-28.77-40 Compatible

Netgear DWDM-SFP10G-28.77-40 compatible optical transceiver is a dual fiber 10.3Gbps Small Form-factor Pluggable SFP+ DWDM module for use in 10GBASE Ethernet. SFP+ DWDM2877-ER

OPSTRAN OPSTRAN SFP SFP+ SFP28 XFP Dust Covers Caps

Buy OPSTRAN SFP SFP+ SFP28 XFP Dust Covers Caps Suitable for Duplex LC SFP Optical Module Silicone 100pcs/pack online at Poshace for ₹7,399. ?Widely Used?SFP...

China Factory Murang Hot 1.25g SFP Presyo Optical Transceiver -

Ang JHAQ28C10 ay isang transceiver module na idinisenyo para sa 10km optical communication applications. Ang disenyo ay sumusunod sa 100GbASE-LR4 ng IEEE 802.3-2012 Clause 88

SFP vs SFP+: A Complete Guide to Compatibility and

Explore the ultimate guide to SFP vs SFP+ compatibility, covering interoperability and backward compatibility of SFP+ modules for seamless high

direcXource Juniper Networks SFP28-25G-DW27 Compatible

Juniper Networks SFP28-25G-DW27 compatible optical transceiver is a dual fiber 25.8Gbps Small Form-factor Pluggable SFP28 DWDM module for use in 25GBASE Ethernet.

SFP28 Kits

SFP28 (Small Form Factor) 28G Break-Out Module ML4023, is designed to provide an efficient and easy method to test and characterize line cards with 28G SFP

Fiber Optical 850nm 28g SFP Transceiver

Fiber Optic SFP Modules / Fiber Optical 850nm 28g SFP Transceiver. With a remarkable 28Gbps data transmission rate, this transceiver ensures seamless and efficient communication within your

Contact Us

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