Optical module SFP1



Overview

Quad Small Form-factor Pluggable (QSFP) transceivers are available with a variety of transmitter and receiver types, allowing users to select the appropriate transceiver for each link to provide the required optical reach over multi-mode or single-mode fiber. 4 Gbit/s The original QSFP document specified four channels carrying Gigabit Ethernet, 4GFC (FiberChannel), or DDR InfiniBand. 40 Gbit/s. OverviewSmall Form-factor Pluggable (SFP) is a compact, network interface module format used for both and applications. An SFP interface on. SFP transceivers are available with a variety of transmitter and receiver specifications, allowing users to select the appropriate transceiver for each link to provide the required optical or electrical reach over.



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Article Content

May 24, 2026

How to interconnect the Gigabit RJ45 port with the SFP

Insert the Gigabit electrical port module into the SFP optical port, and then connect the Category 6 network cable to the Gigabit RJ45 port. This method

Nov 19, 2025

HK-SFP-1.25G-850-DF-MM

For better user experience, we highly recommend you to update your device to the latest firmware asap. *Product performance is based on testing in a controlled environment. Your results may vary due to

Jun 29, 2025

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

Apr 21, 2026

SFP modules – transceivers for 1/2/4G fibre channel

An SFP (Small Form-factor Pluggable) transceiver is a compact optical module designed for high-speed networking applications across enterprise, data center

Jun 17, 2026

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

1.25G 1310nm 40Km CWDM SFP Optical Transceiver 1.25G Single Mode Product Description GEZHI compatible 1.25Gpbs CWDM SFP transceiver supports up to 40km, 80km, 120km or 160km link

Dec 02, 2025

SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver

What Is SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver Module? SFP-10G-LR-1310nm 20km LC DDM Optical Transceiver Module CISCO, HUAWEI,

Mar 04, 2026

SFP1-MM-D Optical multi–mode 850nm 1G SFP transceiver

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SFP1−MM−D is a fiber optic duplex transceiver for 850nm multimode signals. This standard pluggable SFP optical module has an LC connector for reception and transmission of signals over a single

Jan 16, 2026

CWDM 1.25 G SFP Transceiver 1310nm 80KM Optical Transceiver Module

Factory High Quality 1.25G CWDM SFP 1310nm 80KM Optical Transceiver SFP Module Product Description The SFP transceivers are high performance, cost effective modules supporting dual data

Mar 16, 2026

1.25G SFP BIDI OPTICAL TRANSCEIVER MODULE

1.25G SFP BIDI Tx1550/Rx1490nm 120KM SMF DDM LC CISCO JUNIPER HUAWEI COMPATIBLE SFP OPTICAL TRANSCEIVER MODULE The SFP-BIDI transceivers are high performance, cost

Aug 07, 2025

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,

Apr 18, 2026

SFP1-SM-D Optical single−mode 1310nm 1G S

Certified Transceivers - Kramer certified, hot–pluggable SFP optical modules, for high–quality transmission of 1.25Gbps signal over single−mode optical fiber cables, connecting 2 single−mode

Jun 22, 2026

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, and

Jul 12, 2025

Wholesale SFP Modules: The 2025 Distributor Guide to

In this guide, we will reveal the best-selling module types you should stock in 2025 and how to succeed in the wholesale optical business. Figure 1: Wolon optical

Jan 08, 2026

Top 5 Sfp Module Manufacturers In The U.S. For Enterprise Buyers

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Introduction Choosing the right SFP module supplier and optical transceivers manufacturer is one of the most impactful procurement decisions an enterprise networking team can make. The wrong vendor

Oct 19, 2025

1G 1310nm 40km SFP EX Transceiver Module

Featuring a built-in Semtec chip and reliable DFB laser / PIN receiver, the SFP module delivers low power consumption and stable optical links for 1G single

Apr 23, 2026

X2-SFP 10G X2 To SFP+ Converter X2 Optical Module 300m-80km

X2 to SFP Converter Support on many platforms using Xenpak interfaces Compatible with Xenpak MSA Hot Pluggable Distance from 300m up to 80km Power dissipation< 2W Digital Diagnostic Monitoring

Jul 09, 2025

SFP Optical Module 1.25G Single Optical Fiber 20km

This is a standard SFP optical module. It uses a single mode optical fiber and the speed rate can up to 1.25Gbps, transmission distance up to 20 km.

Feb 19, 2026

SFP vs SFP+ vs SFP28 vs QSFP+ vs QSFP28: 2026

SFP vs SFP+ vs SFP28 vs QSFP+ vs QSFP28: 2026 Optical Transceiver Selection Guide A practical, engineer-friendly guide to choosing the

Jan 10, 2026

Kramer SFP1-SM-D Optical Single-Mode 1G SFP

The Kramer SFP1-SM-D is a certified 1G SFP transceiver with a duplex LC (PC/UPC) connector and a peak transmission wavelength of 1310nm. The hot

Sep 06, 2025

SFP Optical Module Specifications: Standards & Performance

These modules, including SFP, SFP+, and SFP28, are widely used in enterprise networks, data centers, and carrier-grade deployments to ensure high-speed, reliable connectivity.

Oct 24, 2025

10G Single-Mode Optical Module

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SFP+ transceiver that supports 10G connections up to 10 km using single-mode fiber with a duplex LC UPC connector.

Jan 26, 2026

SFP Modules SFP and SFP+ Modules Small Form-Factor ...

Introduction Advantech''s small form-factor pluggable (SFP) transceiver family is available with a variety of types of copper SFP and fiber SFPs, SFP+. This transceiver module is compliant

Mar 12, 2026

Optical Module Package Market 2025

Optical Module Package Market was valued at 8942 million in 2024 and is projected to reach US$ 20220 million by 2032, at a CAGR of 12.7%

Jan 02, 2026

What is an SFP Optical Module? The Complete Guide to

Understand the core function, compare data rates (1G to 25G), learn critical compatibility rules, and follow our 5-step checklist for selecting the perfect

Apr 14, 2026

SFP Module Prices Comparison by Top 5 SFP

Why Optical Transceiver Manufacturers Listed Below are for SFP Price Comparison First, pick up the most relevant optical transceiver

Mar 28, 2026

SFP Optical Transceiver Launch Strategies: Defining the New

The Year of Smarter Optics The communications world is racing toward a new phase of connectivity. As data centers expand, 5G and edge networks mature, and AI workloads multiply, the

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