SFP Optical Module Quotation



Overview

SFP Optical Module Specifications: Standards & PerformanceThis guide dives into the key SFP Optical Module Specifications that engineers, network architect.

Key Takeaways

SFP optical modules typically range from $5 to $120 for 1G units, with prices varying by type, reach, and brand, while higher-speed modules (10G–100G) can cost significantly more depending on OEM or third-party sourcing.

SFP Module Types and Applications1

G SF

P (Gigabit Ethernet / Fibre Channel): Cost-effective modules for short- and long-range connectivity, available in single-mode and multimode variants, supporting distances from 100m to 120km.

Bi

Di SF

P: Single-fiber modules for FTTH or fiber-efficient networking, transmitting and receiving over one fiber.

Multi-rate SF

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P: Supports multiple protocols (SDH/SONET, Ethernet, Fibre Channel) and speeds up to 2.7G, ideal for flexible network deployments. SFP+ / SFP28: Higher-speed modules for 10G–25G links, often used in data centers and enterprise uplinks. Pricing OverviewLow-end / compatible 1G SFPs: $5–$25 per unit, suitable for short-reach enterprise links.

OEM-branded 1G SFPs: $60–$120+, including industrial or extended temperature variants. 10G SFP+ modules: Tens to hundreds of dollars depending on reach and OEM status. 25G SFP28 modules: $16–$80 for compatible units; OEM or specialized single-mode parts can reach $200–$900.40G QSFP+ and 100G modules: Prices vary widely; compatible short-reach modules are more affordable, while long-haul or DWDM units are premium.

Supplier Options

Smartoptics: Offers SFP modules for Fast Ethernet, Gigabit Ethernet, Fibre Channel, and BiDi applications, with complementary DAC and AOC cables.

F

S: Provides 1/2/4G SFP transceivers with low power consumption and cost-effective connectivity, available from nearby warehouses with 30-day returns.

SOPT

O: Manufacturer of SFP modules ranging from 155M to 4G, supporting Cisco and MSA-compliant devices, with free quotations available online.

ABPTE

L: Third-party SFP supplier with emphasis on coding compatibility, test reports, and global stock, offering potential savings of 30–70% compared to OEM optics. Wolontek: Offers a broad lineup of SFP, SFP+, SFP28, QSFP/QSFP28 modules with guidance on selection and lifecycle management to optimize cost and performance.

Procurement Tips

Compare OE

M vs third-party modules for cost savings while ensuring compatibility with your network equipment. Request like-for-like quotations and verify digital diagnostics (DOM/DDM) and EEPROM compliance for reliability. Consider lead time, warranty, and RMA policies when selecting suppliers, especially for large-scale deployments.

For a precise quotation, it is recommended to contact suppliers directly (Smartoptics, FS, SOPTO, ABPTEL) with your required speed, reach, and quantity, as prices vary by module type, volume, and delivery location.

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Article Content

SFP Optical Module Specifications: Standards & Performance

This guide dives into the key SFP Optical Module Specifications that engineers, network architects, and procurement professionals rely on when evaluating optical transceivers.

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

SFP Module Types, SFP Transceiver Price List

FS SFP module solutions range from Fast Ethernet to Gigabit Ethernet speeds. fibre and copper SFP transceivers can be selected in connector type, fibre type and protocols to meet your requirements.

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

Confused by SFP vs SFP+? 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, Juniper, and more.

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

SFP transceivers are valued for their flexibility, low power consumption and ability to support both single-mode and multimode fiber, making them ideal for short-range

SFP Module Prices Comparison by Top 5 SFP Manufacturers 2023

Are there SFP brands or optical transceiver suppliers selling SFP modules near me? This post hence illustrates the SFP module price comparison by researching top competitors'' SFP

Best SFP Module Manufacturers 2025 | Price... | ABPTEL

You ask: Which third-party SFP module manufacturer is reliable—and how do I compare price vs. risk without breaking my network? This

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

Cisco Optics-to-Device Compatibility Matrix

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Cisco Optics-to-Device Compatibility Matrix Comprehensive compatibility information for Cisco optical transceivers and network devices Disclaimer: Cisco makes the data in this tool available for

Optical Transceiver Module Wholesale,10g/25g/40g/100g SFP+ Optical ...

Fiber optic module manufacturer,ETU-Link supply full model optical transceivers,including standard 8g/10g/25g/40g/100g sfp+ optical modules and copper RJ45 transceiver,wholesale at factory price!

Optical Transceiver Modules Prices & Specifications

What is Optical Transceiver Modules/SFP? Optical Transceiver Modules/SFP, also called fiber optic transceiver or optical transceiver, is a typically hot-pluggable device used in high-bandwidth data

Bidirectional SFP Modules/Transceivers

Bidirectional SFP modules are advanced optical transceivers designed to enhance network infrastructure by enabling data transmission and reception over a single optical fiber.

What Is an SFP and How It Works Explained

For those getting started with SFP''s, it is important to understand how frequently SFP modules can be used to bridge communications between devices. From there, it''s just a matter of matching the SFP

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

Introduction Choosing the right SFP module supplier and optical transceivers manufacturer is one of the most impactful procurement decisions an enterprise

SFP Optical Module Selection Guide for 2025: Key

Explore our comprehensive SFP optical module selection guide for 2025. Learn about crucial factors like data rate, distance, fiber type, and

Small Form-factor Pluggable

Small Form-factor Pluggable Small Form-factor Pluggable connected to a pair of fiber-optic cables Small Form-factor Pluggable (SFP) is a compact, hot-pluggable network interface module format used for

SFP Module – Optcore

SFP Module SFP module is a small form factor, compact, hot-pluggable optical transceiver, also called mini-GBIC. Our SFP module comply with the SFF-8472 MSA (Multi-Sourcing Agreement), CE, FCC,

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SFP Module: What''s It and How to Choose It?

SFP module is a compact, hot-pluggable optical transceiver module widely used for telecommunication and data communications. It is also known as a small form-factor pluggable or

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This video was associated with the source search result. Verify technical details against current product documentation and project requirements.

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Website: https://aboutkitchens.biz
Technical inquiry: https://aboutkitchens.biz/project-desk.html
North American project location: Research Triangle Park, North Carolina, United States

This document is for preliminary research. Verify specifications against current standards, product documentation and project requirements.

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