

SFP Industrial-Grade Optical Module Price



Summary of Content

Customized industrial-grade SFP optical modules typically range from \$150 to over \$2,000 per unit, depending on data rate, transmission distance, and manufacturer class.

Price Overview

The cost of SFP modules varies widely based on technical specifications and vendor type. Standard 1G-10G third-party transceivers generally cost between \$15 and \$30, while OEM modules from brands like Cisco, Juniper, or Arista can range from \$150 to over \$2,000 for high-performance or industrial-grade optics. Carrier-grade or high-speed modules (100G and above) can exceed \$5,000 per unit.

Factors Affecting Customization Pricing

- **Data Rate and Modulation Complexity:** Higher speeds (25G, 100G, 400G) require advanced modulation techniques like PAM4 and integrated DSPs, increasing costs.
- **Transmission Distance:** Long-reach single-mode modules are more expensive than short-reach multi-mode variants due to higher-quality lasers (DFB/EML) and optical components.
- **Environmental Ratings:** Industrial-grade modules designed for extreme temperatures or harsh environments carry a premium over commercial-grade modules.
- **Customization Services:** Vendors like Wolon provide professional customization, including parameter optimization, optical power tuning, and compatibility testing, which adds to the base price.

Article Content

SFP Modules: Types, Selection Guide & Applications

Learn about SFP modules—types (single-mode, multimode), how to choose, and uses. Compare SFP vs SFP+ for

SFP Optical Transceiver

Find here SFP Optical Transceiver, SFP Transceiver manufacturers, suppliers & exporters in

Difference between industrial grade optical modules and commercial ...

Optical modules can be categorized into commercial grade (0°C to 70°C), extended grade (-20°C to 85°C), and

Industrial GbE Fiber SFP Optical Transceiver Module Single-Mode 10 km

Small Size For High-Density Fiber ConnectionsMulti-Vendor CompatibleHot-PluggableDigital Diagnostics MonitoringEquipped Even For Challenging Environment ConditionsCompatibility in your network is everything, and this industrial SFP Transceiver Module delivers. Use it with any Intellinet SFP equipped network switch or any other Multi Source Agreement (MSA) compliant SFP-enabled switch. It is designed, programmed and tested to work with compatible switches and routers from Cisco, Intellinet Network Solutions, ...See more on intellinetsolutions Category: Repeaters & TransceiversIntellinet Network Solutions

Industrial Gigabit Fiber SFP Optical Transceiver Module

Request access to B2B pricing here. Shipping calculated at checkout. The Small

SFP Optical Module Specifications: Standards & Performance

These modules, including SFP, SFP+, and SFP28, are widely used in enterprise networks, data centers, and carrier

10Gtek Industrial Grade 10GBase-SR SFP+ LC Transceiver, 10G

For Cisco SFP-10G-SR, 10GBASE-SR Module supports a link length of 26m on standard Fiber Distributed Data

SFP Modules for Industrial Networks | Westward Sales

SFP Modules Industrial-Grade SFP Modules for Seamless Connectivity Small Form Factor Pluggable (SFP) transceiver modules

Fiber Optical switch 8 SFP 2 1000M RJ45 Industrial

Buy Fiber Optical switch 8 SFP 2 1000M RJ45 Industrial Grade Gigabit Ethernet Switch media Converter

SFP Optical Transceiver Products | Syrotech Networks

An SFP (Small Form-Factor Pluggable) is a compact, hot-pluggable transceiver used in telecommunications and data networks 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

Optical Transceiver Modules Prices & Specifications

What is Optical Transceiver Modules/SFP? Optical Transceiver Modules/SFP, also called fiber optic transceiver or optical

SFP Modules

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Buy Transceivers – SFP, SFP+, and QSFP Modules

SFP modules – selection and possible applications The SFP module (Small Form-Factor Pluggable or Mini GBIC (Gigabit Interface

Optical Module Price, 2026 Optical Module Price Manufacturers ...

Secure the best pricing by comparing quotes to leverage custom package options tailored to your projects.

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

SFP Module Price, 2026 SFP Module Price Manufacturers & Suppliers ...

Discover the perfect Fiber Optic Equipment addition with our SFP Module Price. Key factors include fiber type (single-mode vs.

SFP Module Price: Strategic Cost Analysis and TCO Factors

Compare SFP module prices, OEM vs third-party costs, and total cost of ownership (TCO). Learn what drives SFP pricing and how

4-Port Managed Industrial Gigabit Ethernet Switch, -40° to 75°C, DIN ...

4-port managed switch with dual SFP slots expands your Gigabit Ethernet network in harsh environments, including construction

Industrial GbE Fiber SFP Optical Transceiver Module Single-Mode 40

Industrial Gigabit Fiber SFP Optical Transceiver Module, 1000Base-EX (LC) Single-Mode Port, 40 km (25 mi.), Wavelength 1550 nm,

Industrial Multimode SFP Module

Industrial Multimode SFP Module, Find Details and Price about SFP and SFP Transceiver from Dongguan

Amazon : Single Mode Sfp

Discover high-performance single mode SFP modules for your network. Compatible with major brands like Cisco, Ubiquiti, and more.

10G SFP Price Guide: How Much Does a 10G SFP Module Cost

Learn the latest 10G SFP price ranges, key cost factors, brand comparisons, and how to buy reliable 10G SFP modules at the best

1.25G SFP 550m²120km Optical Modules (Industrial

Gigalight's 1.25G SFP series transceiver modules are widely utilized in Gigabit Ethernet, concurrently

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

Compare top SFP module manufacturers on price & quality. From SFP/SFP+/SFP28 to SFP Modules

SFP-4330 1.25Gbps Single-Mode BIDI (WDM) Industrial SFP Transceiver, 20km, TX 1310nm / RX 1550nm, Simplex LC, -40 to +85

Optical Transceiver Pricing: Cost Ranges by Speed and

See practical price ranges for 1G-100G optical transceivers, DAC/AOC options, and why cost varies by

Industrial Temperature Optical Transceivers Guide 2025

Complete guide to industrial-temp optical transceivers. Temperature ranges, SFP/SFP+/QSFP options, applications &

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