

Price of Single-Mode Single-Fiber Fiber Optic Transceivers



Article Overview

Single-mode fiber optic transceivers typically range from \$16 to \$900 per unit, depending on speed, reach, and brand.

Typical Price Ranges

- 1G SFP modules: Generic or compatible units can cost \$5-\$25, while OEM-branded or industrial-grade modules may range from \$60-\$120+ .
- 10G SFP+ modules: Compatible 10G SR modules often sell for tens of dollars, whereas OEM long-reach LR or ER modules can cost hundreds of dollars .
- 25G SFP28 modules: Low-cost compatible units may be \$16-\$80, while branded or specialized single-mode modules can reach \$200-\$900 .
- 40G QSFP+ modules: Compatible short-reach SR4 modules are \$40-\$150, while LR4, WDM, or vendor-certified modules can cost \$300-\$1,000+ .
- 100G QSFP28 modules: Short-reach compatible modules are relatively affordable, but carrier-grade DWDM or coherent long-haul units are significantly more expensive .

Factors Affecting Cost

- Brand and Warranty: OEM-branded modules (Cisco, Juniper, HPE) are priced higher due to guaranteed compatibility and support, while third-party compatible modules are cheaper but may have limited warranty .
- Transmission Distance: Modules designed for long distances (40 km, 80 km, or more) or metro/telecom networks cost more due to advanced laser technology and...

Article Content

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Fibre SFP Transceiver Modules & SFP Connectors | RS

SFP transceivers usually have a fibre LC connector and work with either single mode optical fibre (single-mode SFPs) or multimode

Singlemode SFP Transceivers Fiber Optic Transmitters, Receivers ...

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50/25/10/1G Transceiver Modules | Optical Transceivers

FS provides 50/25/10/1G transceivers modules in SFP/SFP28/SFP56/QSFP28 form factor, supporting

Single Fiber Bidirectional SFP Transceivers

Single Fiber Bidirectional SFP transceivers use simplex single-mode fiber to double the bandwidth, data rates up to 4G and

Fiber Optic Products: Industrial & Scientific

Sky/Ground End Drone TTL Fiber Optic Transceiver, 1CH Video to UART SBUS FPV Module, 20KM, SOP-2 for FPV UAV Fiber to

Single Fiber Media Converter | 10/100TX-100FX Single Fiber

Single Fiber Media Converters Versitron's single fiber media converters efficiently convert Ethernet signals into optical signals using

Fiber Optic Transceiver Modules | Optoelectronics

Shop DigiKey's large in-stock selection of Fiber Optic Transceiver Modules. View inventory, pricing and

Differences Between Single-mode & Multimode Fiber Optic Transceivers

The transmission distance of multimode fiber optic transceiver is less than that of the single-mode transceiver due to

fiber transceiver single mode | Newegg

TRENDnet SFP Single-Mode LC Module 4-Pack, TEG-MGBS10/4, For Single Mode Fiber, Distances up to 10km (6.2 Miles), Gigabit

Amazon : Single Mode Sfp

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

SFP/SFP+, QSFP Network Transceivers & Media Converters | Newegg

Match optics to distance and cable: SR for short multimode runs, LR/ER for long single-mode links. BiDi SFP single-mode cuts fiber

1G SFP LX 1310nm 20km Single mode Transceiver

Hence, this SFP offers a very affordable price compared to the original SFP-1G-LX. Most importantly, we

Syrotech SFP 1.25G 120KM BiDi Single Mode Fiber Optical Transceiver ...

BIDI-1.25G-SFP-120-BD SFP Single Fiber optical transceiver is multi-purpose module used in number of different places of today's

What is Optical Transceiver: A Beginner Guide (2024)

Classified by Fiber Mode Types Optical fibers are divided into: single mode fiber (SMF) and multi-mode fiber (MMF).

1G SFP Transceivers | Mini-GBIC SFP Modules

FS gigabit ethernet transceiver solutions provide fibre or copper options including 1000BASE-SX, 1000BASE-LX/LH, 1000BASE-T

Optics and Transceivers | Fiber Optical Transceivers

FS offers a growing portfolio of optical transceivers, with speed range from 100M, 1G, 10G, 25G, 40G, 50G, 100G, 200G, 400G to

SFP Module Prices Comparison by Top 5 SFP

Why Optical Transceiver Manufacturers Listed Below are for SFP Price Comparison First,

Single Mode Fiber Transceivers – Fiber Savvy

Fiber Savvy has you covered when it comes to quality Single Mode Fiber Transceivers. Single Mode Fiber Optic Transceivers are

H!Fiber 1.25G Single Mode SFP LC Module, 1000Base-LX/LH Fiber

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

Singlemode Fibre Optics – Mouser India

Singlemode Fibre Optics are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for Singlemode Fibre

SFP Fiber Optics – Mouser

SFP Fiber Optics are available at Mouser Electronics. Mouser offers inventory, pricing, & datasheets for SFP Fiber Optics.

Single-mode transceiver, Single-mode transceiver module

Single - Mode Fiber-Optic Transceiver /Modem Improve safety, signal integrity, and reliability by using two optical fibers instead of

Singlemode SFP Transceivers Fiber Optic Transmitters, Receivers ...

Singlemode SFP Transceivers Fiber Optic Transmitters, Receivers, Transceivers are available at Mouser Electronics. Mouser offers

Syrotech SFP Optical Transceiver

Find here Syrotech SFP Optical Transceiver, Syrotech Dual Fiber SFP Transceiver dealers, retailers, stores &

Amazon : Fiber To Ethernet Converter

A Pair of 1.25G/s Bidi Gigabit Single-Mode Fiber Ethernet Media Converter with 2PCS Bidi SFP LC Transceiver Module Included,

SFP Module Price

Good Price 10G Single Mode Single Fiber XFP Module 20KM 40KM 60KM 80KM SFP Module Price Compatible Fiber Optical

Contact Us

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