Cost of 10 Gigabit Multimode Optical Module



Overview

FS 10G SFP+ transceiver module solutions provide a wide variety of reliable 10 Gigabit Ethernet connectivity options for data centre, enterprise, and service provider transport applications.

Key Takeaways

The price of a 10G multimode SFP+ optical module typically ranges from $30 to $150, depending on brand, distance, and compatibility.

Typical Price Range10

G SFP+ multimode modules, designed for short-range connections over OM3 or OM4 fiber, generally cost between $30 and $150 per module for standard enterprise or data center use, with some branded modules reaching higher prices due to vendor premiums and support contracts. Lower-cost compatible modules are widely available and often provide reliable performance for distances up to 300–400 meters.

Factors Affecting Cost

Transmission Distance: Modules supporting longer distances (up to 400 m with OM4) may be slightly more expensive than those limited to 300 m. Brand and Vendor: Branded modules from major vendors like Ubiquiti or Cisco are priced higher than generic or third-party compatible modules due to support, warranty, and vendor lock-in strategies. Optical Technology: Multi-mode modules (SR, 850 nm wavelength) are generally cheaper than single-mode modules (LR) because they are designed for shorter distances and simpler manufacturing.

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Features: Modules with Digital Diagnostics Monitoring (DDM) or dual-rate support (1G/10G) may cost more but provide additional monitoring and flexibility.

Example Products

Ubiquiti 10G Multi-Mode SFP+ Module: Supports 10G connections up to 300–400 m, duplex LC connector, priced around $50–$100 per module depending on vendor and quantity. Kangsien 10GBase-SR SFP+ Module: 850 nm, OM3/OM4 fiber, up to 300 m, hot-swappable, priced in the $40–$80 range per unit on Amazon.

Summary

For most enterprise or data center deployments, a 10G multimode SFP+ module can be purchased for $30–$150, with lower-cost compatible options suitable for standard intra-building or campus connections, and higher-cost branded modules offering extended support, warranty, and additional features. Choosing the right module depends on distance requirements, brand preference, and network compatibility.

Article Content

10GbE SFP+ Transceiver Modules

FS 10G SFP+ transceiver module solutions provide a wide variety of reliable 10 Gigabit Ethernet connectivity options for data centre, enterprise, and service provider transport applications.

10G SFP+ Optical Transceivers | Transceiver Module

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10G Multi-Mode Optical Module

SFP+ transceiver that supports 10G connections up to 400 m using multi-mode fiber with a duplex LC UPC connector.

Ubiquiti 10Gbps Multi-Mode Optical Module 2-Pack for

This device is specifically engineered to facilitate data transmission at speeds of up to 10 Gbps, supporting both 10 Gigabit Ethernet and 1 Gigabit Ethernet, making it

H!Fiber 10G Multimode SFP+ LC Module, 10GBase-SR Fiber

About this item 10GBase-SR SFP+: 10 Gigabit Ethernet Multimode SFP+ Module, 10 Gb/s, 850nm wavelength, Duplex Dual LC, MMF, operates on multi-mode (OM3/OM4) LC/UPC fiber cable spans of up to 300m (984 Ft) in length; 2 Pack Wide Compatible: Perfect for Cisco SFP-10G-SR, Meraki MA-SFP-10GB-SR,

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Ubiquiti 10Gbps Multi-Mode Optical Module 2-Pack for

The 10 Gbps Multi-Mode Optical Module, model UACC-OM-MM-10G-D-2, from Ubiquiti is a high-performance, dual-rate optical transceiver designed for use in

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 value.

10 Gigabit Multimode SFP+ Fiber Optic Transceivers | High-Speed

The 10 Gigabit Multimode SFP+ Transceivers offer high-speed, reliable fiber optic connections for a wide range of network devices and applications. These SFP+ modules are designed for 10 Gigabit

10 Gigabit SFP+ Fiber Optic Transceivers | High-Speed & Reliable

Adhering to the IEEE 802.3z standards for Gigabit Ethernet fiber connectivity, these modules ensure reliable, cost-effective solutions for a wide range of networking applications. These SFP+

10G SFP+ Multimode Optic 850nm – Broadata Communications Inc.

10G SFP+ Multimode Optic 850nm Cost-effective solution for high-speed 10 Gigabit Ethernet transmission over multimode fiber (MMF) Operating at an 850nm wavelength. Designed for short

Cisco SFP-10G-SR 10GBASE-SR SFP+ transceiver module LC/PC multi-mode

The CISCO 10gbase-sr Sfp+ Module Offers Customers A Wide Variety Of 10 Gigabit Ethernet Connectivity Options For Data Center, Enterprise Wiring Closet, And Service Provider Transport

SFP+ Optical Transceiver Modules (10G-SR/LR)

Code: SF-10GSFPPLCL-000 Genuine Amphenol 10GBASE-SR SFP+ Optical Transceiver Modules provide a high-density, high-performance interface for 10

Gigabit Multimode SFP 1000Base-SX LC Fiber Module, 850nm

About this item 1000BASE-SX SFP to LC Optical Gigabit Ethernet Fiber transceiver module, 1.25G Multimode SFP (supports OM1/OM2/OM3/OM4 fiber cables), Duplex LC connector, 850nm, DDM, up to 550m.

D-Link 10 Gigabit Ethernet Optical Transceiver Multimode ...

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10Gtek 10GBase-SR SFP+ LC Transceiver, 10G 850nm

Available at a lower price from other sellers that may not offer free Prime shipping.

10G Multimode SFP+ LC Module, 10GBase-SR Fiber

Product Description 10GBase-SR SFP+ Transceiver, MMF: Gigabit Ethernet Fiber transceiver module, 10 Gigabit Ethernet Multimode SFP+ Module, 10 Gb/s, 850nm wavelength,

SFP+ Optical Transceiver Modules (10G-SR/LR)

Genuine Amphenol 10GBASE-SR SFP+ Optical Transceiver Modules provide a high-density, high-performance interface for 10-Gigabit Ethernet and Fibre Channel applications.

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

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