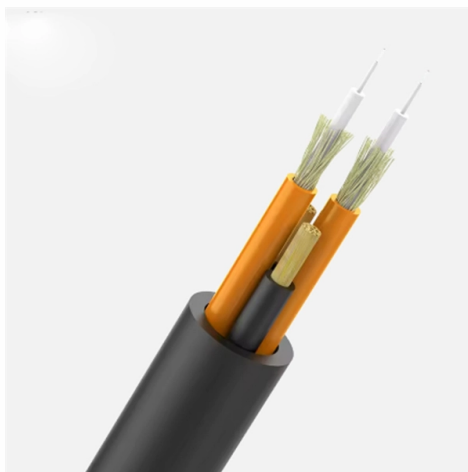


How much does a gigabit fiber optic switch cost



Overview

Amazon.com: Fiber Switches Discover fiber switches designed for reliable network connectivity. Browse 10G, 2.5G, and gigabit options to expand your bandwidth.

Key Takeaways

Gigabit fiber optic switches typically range from around \$100 to \$600, depending on port count, management features, and industrial grade. Price Overview

- Entry-level switches: Basic unmanaged gigabit fiber switches with 4-8 SFP ports generally cost \$100-\$200. These are suitable for small office or home networks and simple LAN extensions (Amazon, Digitec) .
- Mid-range switches: Managed switches with 8-24 ports, including both fiber SFP and RJ45 uplinks, typically range from \$200-\$400. These offer advanced features like VLANs, QoS, and PoE support for powering devices over Ethernet (Versitron) .
- High-end or industrial switches: Industrial-grade or modular switches with 24-52 ports, high reliability, and support for harsh environments can cost \$400-\$600 or more. These are designed for campus networks, metro Ethernet, or ISP backbones (Versitron, FiberOptics4Sale) .

Factors Affecting Cost

- Port Count: More ports increase the price; modular switches allow flexible expansion.

- **Management Features:** Managed switches with Layer 2/3 capabilities are more expensive than unmanaged models.
- **Industrial vs Commercial Grade:** Industrial switches with extended temperature ranges and ruggedized enclosures cost more.
- **SFP Modules:** Some switches are sold without optical modules; adding SFPs for singlemode or multimode fiber can add \$20-\$100 per module.
- **PoE Support:** Switches that provide Power over Ethernet for devices like cameras or access points are priced higher.

Example

The DIGITUS® Gigabit Fiber Switch with 8 SFP ports and 2 RJ45 uplinks is a cost-effective option priced around \$150-\$200, suitable for FTTX applications, industrial Ethernet, or small campus networks (Digitec) . In summary, a typical gigabit fiber optic switch can cost \$100-\$600, with the final price depending on the number of ports, management capabilities, industrial features, and additional SFP modules.

Article Content

Amazon : Fiber Switches

Discover fiber switches designed for reliable network connectivity. Browse 10G, 2.5G, and gigabit options to expand your bandwidth.

Cisco Switch Selector

The Cisco Nexus 9500 R-Series is a high-speed, high-density 1, 10, 25, 40, 50, and 100 Gigabit Ethernet modular switch designed

Amazon : Fiber Optic Network Switch

Estink SFP Ethernet Fiber Optic Switch, 1000m Ethernet Fiber Optic Transceiver, 4 Optical Ports 2 Electrical Ports, 120km, with LED

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Fiber Optic Network Switches | Ethernet to Fiber Switches

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For switches, one size does not fit all Ethernet switches come in all types with options ranging from management style, port counts,

[A Complete Buying Guide to Fiber Optic Switches](#)

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

