

Multi-port fiber optic switch



Article Overview

Fiber optic switches with multiple ports allow high-speed, long-distance network connections and can be managed or unmanaged, supporting both commercial and industrial applications.

Overview of Fiber Optic Switches

Fiber optic switches are network devices that provide multiple fiber ports to connect Ethernet networks over long distances with minimal signal loss. They are available in various port sizes, ranging from 4 to over 50 ports, and support speeds from Gigabit to 10 Gigabit networks. Many switches offer SFP or SFP+ modules for flexible fiber connections, and some include PoE capabilities to power connected devices directly over the network .

Types and Features

- **Managed vs Unmanaged:** Managed switches allow configuration of VLANs, QoS, port security, and spanning tree protocols, while unmanaged switches provide plug-and-play connectivity .
- **Industrial vs Commercial:** Industrial-grade switches are designed for harsh environments, offering higher durability and extended temperature ranges, whereas commercial switches are suitable for office or data center use .
- **Aggregation Switches:** Devices like the AXIS D8308 provide multiple SFP+ and SFP28 ports for connecting several switches or devices over long distances, ideal for linking remote locations .
- **Modular Options:** Some switches, such as pick-a-port modular switches, allow cust...

Article Content

May 01, 2026

Ethernet Switches | EKS

These switches exhibit exceptional versatility, supporting all fiber types, including multi-mode, single-mode, Plastic Optical Fiber

Sep 18, 2025

Fiber Optic Ethernet Switch with 2 Fiber Ports & 8 UTP LAN Ports

2 Fiber Port + 8 LAN Port Fiber Optic Ethernet Switch - FAQ What is a 2 fiber port 8 LAN port fiber optic Ethernet switch? It is a

Dec 23, 2025

FEU-0511 5-Port Fast Ethernet Switch, 4 x 10/100BASE-TX, 1 x SC

Hybrid Media Conversion: 4 x 10/100BASE-TX RJ45 ports plus 1 x 100BASE-FX SC multi-mode fiber uplink for copper-to-fiber

Jun 19, 2026

Fiber Optic Switches Information

Fiber optic switches route an optical signal without electro-optical and opto-electrical conversions. Types of Fiber Optic Switches

Mar 30, 2026

Multi-Fiber Switches for Fiber Optic Testing | AFL Global

AFL's Multi-Fiber Switch enables efficient testing of 12-fiber MPO cables without breakout cables.

Aug 06, 2025

PoE Switch | Omniton Systems

OmniConverter® PoE Switch OmniConverter 10/100/1000 and Multigigabit PoE Switches and PoE Media Converters enable

Oct 07, 2025

24-Port Fiber Optic SFP Managed Switch with 10G Uplink

24 port Fiber Optic SFP Managed Switch allows you finish fiber connectivity that is with different bandwidth requirements conveniently

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Fiber Optic Switches, Multiplexers, Demultiplexers

Shop DigiKey's large in-stock selection of Fiber Optic Switches, Multiplexers, Demultiplexers. [View](#)

Oct 25, 2025

8 Port 10Gb SFP+ Web Managed Fiber Switch | Multi-Gig 10G-2.5G

About this item □10Gb Super-Fast Fiber Switch□This 10 gigabit switch features 8 x 10G SFP+ ports and 160Gbps switching

Jul 29, 2025

Multi Ports Fiber Optic Network Switch 1000 Base

Multi ports 1000Base-X Fiber Optic Switch 10 / 100M 16TX + 1*1000M FX OFS-GSF1DT16-20 series is a Layer 2 + Optical Ethernet

Sep 24, 2025

Unmanaged 4-Port Fiber Optic Ethernet Switch

Supporting distances up to 80km, the TC3705 10/100Base-T Ethernet Fiber Optic Switch provides one multimode or

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Fiber Ethernet Network Switches

Switches play an integral part in fiber optic networks, connecting devices such as servers

Jan 20, 2026

Amazon : Fiber Switches

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

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Multi-Drop Ethernet Fiber Optic Switch

The TC3720 10/100M 6-Port Self-Healing Ring Ethernet Switch is a low cost solution for linking multiple RTUs & PLCs in industrial

Oct 14, 2025

10 port managed Ethernet to multimode fiber optic switch, EL1000

The EL-1000-4GM is a 10-port managed Industrial Ethernet Layer 2 switches. Compact Ethernet switch with 2 fiber optic and 8 RJ45

Jun 18, 2026

Multimode Fiber Optic Switches: A Comprehensive Guide to

Multimode fiber optic switches have emerged as a crucial component, enabling seamless connectivity and efficient data

Aug 05, 2025

Multicast Fiber Optical Switch – Lossless Multi-Port Output

The MCSW integrates fiber splitters, optical amplifiers, and optical switches to form an NxM multicast

Aug 23, 2025

AXIS D8308 Fiber Aggregation Switch

Developed for long distance fiber installations. Equipped with eight SFP+ ports, two additional SFP28 ports

Oct 19, 2025

4 Port 10/100/1000 RJ45 to Fiber Switch

Our ESW-2206 optical fiber switch has 2 fiber optic SFP module ports. It supports dual optical SFP

Apr 23, 2026

3-Port Fiber Optic Ethernet Media Converter Switch

The TC3240 4-port Switching/Bridging Fiber Optic Ethernet Media Converter converts or connects UTP

Oct 09, 2025

4 Port RJ-45 Gigabit Ethernet to Multimode ST 850nm Fiber ...

4 Port RJ-45 Gigabit Ethernet to Multimode ST 850nm Fiber Media Converter | Mini Switch - Built-in Fiber Module 550m (0.34 Miles)

May 12, 2026

Estink SFP Ethernet Fiber Optic Switch, 1000m Ethernet Fiber Optic ...

Product description SFP Ethernet Fiber Optic Switch, 1000m Ethernet Fiber Optic Transceiver, 4 Optical Ports 2

Oct 04, 2025

Shenzhen Marstars Technology Co.,Ltd

Fiber Optic Network Switches MarStars manufactures a wide range of fiber optic switches that provide links for your 10Base,

Jul 22, 2026

SFP Network Switches | SFP Managed Port Switches

This type of setup allows you to extend your fiber optic network from a central “hub” location to many remote locations of varying

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