

8-fiber optic switch with 16 electrical connections



Summary of Content

An 8-fiber optic switch with 16 electrical connections is a managed Ethernet switch that combines 8 fiber ports with 16 RJ45 Ethernet ports, supporting long-distance fiber transmission and advanced network management.

Key Features

- **Port Configuration:** Typically, these switches offer 8 fiber optic ports (100Base-FX or SFP/SFP+ slots) and 16 electrical RJ45 ports (10/100Base-T or 10/100/1000Base-T) for Ethernet connectivity .
- **Fiber Options:** Fiber ports can support single-mode or multi-mode, dual fiber or bi-directional single fiber, with transmission distances up to 120 km (74 miles) depending on the module and fiber type .
- **Management Capabilities:** Most models are managed switches, offering web-based management, VLAN support (port-based and IEEE 802.1Q), QoS, broadcast storm control, port bandwidth control, and IEEE 802.1x security .
- **Redundancy and Reliability:** These switches often support SW-Ring or Ethernet ring topologies for redundancy, with fast self-recovery times to maintain network uptime .
- **Installation:** Designed for 1RU rack mount, desktop, or shelf installation, with included rack ears for EIA19" racks .

Applications



Article Content

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Choose from our selection of fiber optic ethernet switches, including DIN-rail mount ethernet switches, light duty ethernet switches,

Amazon : Fiber Switches

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

16-port full gigabit managed ethernet fiber switch BP-SWM8G8F01

The BP-SWM8G8F01 is a full gigabit managed Ethernet fiber switch. It has 8*10/100/1000Base-T RJ45 ports and 8*100/1000Base-X

1x8, 1x16, 1x32 High Speed Fiberoptic Switch System, 100ns, 18dB

Switching is achieved through a patented electro-optical configuration that delivers clean, ripple-free transitions, ensuring continuous

Fiber Optic Network Switches | Ethernet to Fiber Switches

Our Ethernet network switches with fiber ports comes in managed or unmanaged formats combined with both Industrial and

Industrial Ethernet Switches

Unmanaged industrial Ethernet switches provide low-cost network connections with options supporting 10/100/1000BaseT, PoE++

16x16 8x8 MEMs Optical Switch

The Fiberer's 8x8 fiber optic switch is a very fast opto-mechanical switch array based on the MEMS technology. They are composed

Ethernet Switches | EKS

In summary, these industrial-grade Ethernet switches, equipped with robust features, compatibility with various fiber types, and

16+8_Enet_Switch_U-044.pages

The RLH Managed Ethernet Switch is a smart managed switch that offers 16 10/100Base-T(x) RJ-45 TCP ports together with 8

MCSESM103F2CS0

It comes with 8 copper cable transmission ports and 2 ports for single-mode fiber optic. It provides simple and complex connectivity

Contact Us

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