Industrial Fiber Optic Switch Brands

Overview

This section provides an overview for fiber optic switches as well as their applications and principles. Also, please take a look at the list of 19 fiber optic switch manufacturers and their company rankings.

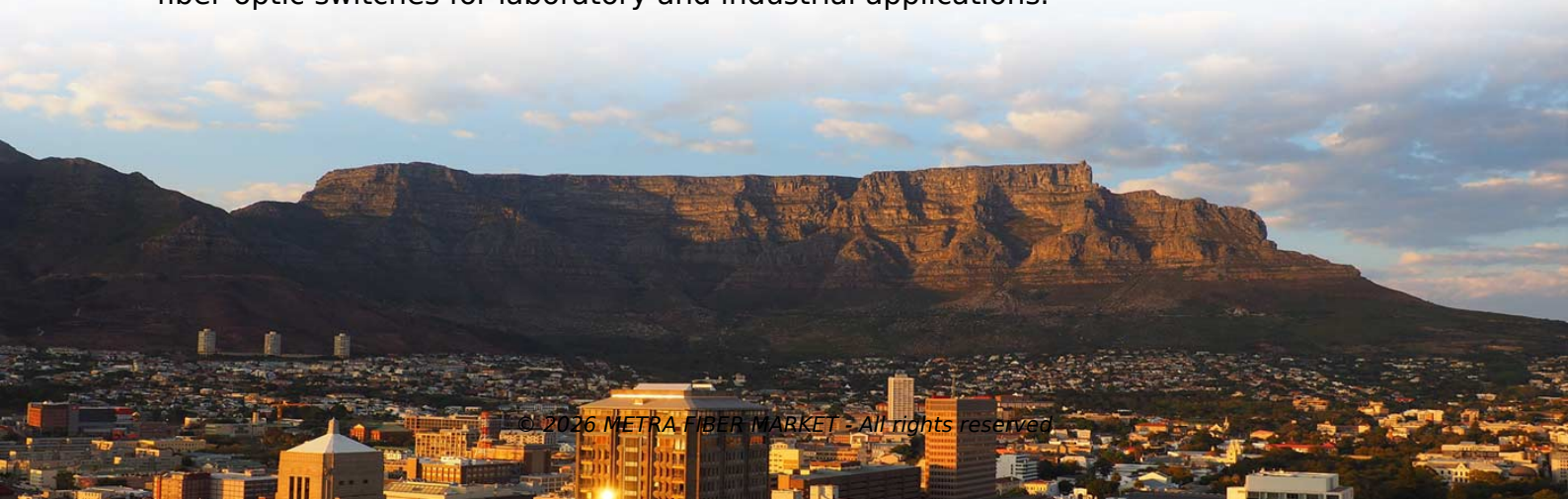
Key Takeaways

Top brands of fiber optic industrial switches include Cisco, Hirschmann, Westermo, Avantes, ICP DAS, and Newport, among others, offering rugged, high-performance solutions for industrial networks.

Leading Fiber Optic Industrial Switch Brands

Cisco – Offers a wide range of industrial Ethernet switches, including ruggedized, DIN-rail, and rack-mount models with PoE, high-speed SFP uplinks, and advanced cybersecurity features suitable for factories, substations, and transportation networks. Hirschmann (Belden) – Provides managed and unmanaged industrial Ethernet switches designed for harsh environments, with fiber interfaces and industrial cybersecurity solutions. Westermo – Specializes in industrial fiber switches with Layer 2 and Layer 3 management, multiple fiber port configurations, Gigabit speeds, and compliance with industrial standards like IEC 61850-3 and EN 50155.

Avantes – Known for fiber-optic spectroscopy systems, Avantes also offers industrial fiber-optic switches for laboratory and industrial applications.



© 2026 METRA FIBER MARKET - All rights reserved

ICP DAS US

A – Manufactures industrial fiber optic switches for automation, energy, and transportation systems, supporting both managed and unmanaged configurations. Newport Corporation (MKS Instruments) – Provides precision fiber optic switches for industrial and research applications, including motion control and optomechanical systems. Agiltron Inc. – Offers MEMS-based fiber optical switches for communications, sensing, and instrumentation, with custom product development capabilities.

Shenzhen OPTIC

O Communication Co., Ltd. – Produces mechanical fiber optic switches and related optical components for telecom, data centers, and cloud computing. Zhongshan Meisu Technology Co., Ltd. – Supplies fiber array sub-assemblies, PM fiber components, and industrial fiber optic switches for optical communication and sensing applications. Versitron – Manufactures fiber optic network switches, media converters, and SFP modules for industrial and commercial applications.

Electro Standards Laboratories – Designs custom fiber optic switches for defense, telecommunication, and public utilities, including multi-channel and IP-addressable models. Topnet Distribution – Distributes industrial fiber optic switches for connecting IP devices in automation and surveillance networks.

Come-

Star – Offers unmanaged and managed industrial fiber optic Ethernet switches with SFP-based uplinks, hybrid copper-fiber configurations, and ruggedized designs for harsh environments.

Key Considerations

When selecting a fiber optic industrial switch, consider: Management type: Managed vs unmanaged switches for network control and redundancy. Fiber type: Single-mode or multimode, depending on distance and bandwidth requirements. Port configuration: Number of fiber and copper ports, SFP/SFP+ support.

Ruggedness: Compliance with industrial standards (IP ratings, temperature range, vibration resistance). Application: Factory automation, energy systems, transportation, surveillance, or outdoor deployments. These brands collectively cover a wide spectrum of industrial applications, from high-speed data centers to harsh outdoor environments, ensuring reliable and secure fiber optic connectivity.

© 2026 METRA FIBER MARKET - All rights reserved

Article Content

Fiber optics network switch, Fiber optics ethernet switch

Find your fiber optics network switch easily amongst the 121 products from the leading brands (Advantech, Winmate, YOKOGAWA, ...) on DirectIndustry, the industry specialist for your

19 Fiber Optic Switch Manufacturers in 2026 | Metoree

This section provides an overview for fiber optic switches as well as their applications and principles. Also, please take a look at the list of 19 fiber optic switch manufacturers and their company rankings.

Industrial Fiber Optic Ethernet Switches | SFP, Single-Mode

Explore industrial fiber optic Ethernet switches from a direct manufacturer. SFP, single-mode and multimode fiber switches available in unmanaged and managed designs. OEM, wholesale, and

Fiber Optic Switch Manufacturers

Fiber Optic Switch is an optical device that allows the routing of optical signals from one or multiple input fibers to one or multiple output fibers. The leading manufacturers of Fiber optic switches are listed

Industrial network switch

Find your industrial network switch easily amongst the 1,146 products from the leading brands (Hilscher, Volktek, Maisvch, ...) on DirectIndustry, the industry

Ethernet Switches

Moxa has a large portfolio of industrial unmanaged switches that have been specifically designed for industrial Ethernet infrastructure. Our unmanaged Ethernet switches uphold the stringent standards

Industrial Ethernet Switches | Phoenix Contact

Our Industrial Ethernet Switch portfolio comprises Managed and Unmanaged Switches with Gigabit, PoE, IEC 61850 certification, and for DIN rail mounting. This gives you the flexibility to build powerful

Industrial Fiber Optic Switch

Explore our selection of industrial fiber optic switches for reliable and efficient network connectivity. Our industrial fiber switches are designed for durability and performance in harsh environments. Find the

© 2026 METRA FIBER MARKET - All rights reserved

19 Industrial Ethernet Switch Manufacturers in 2026 | Metoree

This section provides an overview for industrial ethernet switches as well as their applications and principles. Also, please take a look at the list of 19 industrial ethernet switch manufacturers and their

Industrial Ethernet Switches

Built to endure the demanding conditions of factories, transportation infrastructure, grid substations, and other harsh environments, Cisco Industrial Ethernet switches come in a wide range of form factors to

Optics Manufacturer & Supplier | Imaging Lens & Laser

Optics Laser Optics Optomechanics Microscopy Lasers Imaging Lenses Cameras Lights and Illumination Test Targets Testing and Detection Lab and Production

Intelligent IoT Solutions

IoT building blocks & gateways, cloud-based device management, automated downtime managers: Lantronix IoT products and services help you connect smart!

NYT Connections archive

Every NYT Connections puzzle ever published is listed here, organised by date, with all four category groups and their sixteen words. The NYT only offers the current day''s puzzle for free,

WebProcure

WebProcure offers best-in-class functionality, reaching end-to-end from requester to procurement buyer to merchant, and all the way back! Designed specifically for the public sector.

11 Fiber Switch Manufacturers in 2026 | Metoree

A fiber switch''s core functions include rerouting optical signal paths, modulating transmission speeds, and enhancing signal transmission quality. These switches find extensive use in various sectors,

gpt4_vocab_list/o200k_base_vocab_list.txt at main

Vocabulary list of GPT-4o (o200k_base) and GPT-4/GPT-3.5 (cl100k_base) tokenizers. Special tokens are excluded. - kaisugi/gpt4_vocab_list

Industrial Ethernet Switches

Modernize your operations with Cisco Industrial Ethernet switches: Increase productivity, boost security, and empower industrial AI.

© 2026 METRA FIBER MARKET - All rights reserved

Network switch, Ethernet switch

A network switch (or Ethernet switch) is a communication device that is used to distribute data over cable networks. It usually comes in the form of a box with several Ethernet or fiber optic ports. It

Contact Us

Continue your research online:

Website: https://metramarket.es
Technical inquiry: https://metramarket.es/contact.html

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

© 2026 METRA FIBER MARKET - All rights reserved