

Manufacturer of Two-Optical-Electronic Switches



AI Overview

Leading manufacturers of two-optical-electronic switches include Agiltron, Lightwave Link, Guangzhou Ruid Ele-tech, and Zhongshan Meisu Technology. Key Manufacturers:

- Agiltron Inc. (USA) – Specializes in optical switch technology with low insertion loss, fast switching speeds, broad wavelength range, and high optical power handling. They offer components, OEM modules, and turnkey systems suitable for medical devices, quantum computing, undersea cables, and aerospace applications.
- Lightwave Link (Taiwan) – Produces optical switch devices and modules, including optical bypass and line protection modules. Their products are designed for telecommunications, data centers, and enterprise networks.
- Guangzhou Ruid Ele-tech Co., Ltd (China) – Manufactures fiber optical switches, optical transceivers, and network switches. They provide ISO9001-certified products with CE, RoHS, and SGS accreditations, suitable for datacom, networking, and telecom sectors.
- Zhongshan Meisu Technology Co., Ltd (China) – Offers fiber optical switches, PM fiber components, and silicon photonics devices. Their solutions are used in optical communications, biological and chemical sensing, and laser imaging applications.

Additional Options: Other notable suppliers include Shenzhen OPTICO Communication Co., Ltd, which provides optical chips, fiber jumpers, and splitters for 4G/5G networks and cloud computing, and distributors like Mouser Electronics, which carry products from Broadcom, Omron, Vishay, and Sharp Micro for optical-electronic switching applications.

Considerations: When selecting a manufacturer, consider:

- Switch type: Mechanical, MEMS, or solid-state optical switches.
- Wavelength range and insertion loss: Critical for high-speed or multi-channel applications.
- Certifications: ISO, CE, RoHS for quality and compliance.
- Application: Data centers, telecom, industrial automatio...

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Octo 2x2 Optical Switch

The Octo 2X2 bypass Optical switch developed by Optiworks is an electromechanical optic switch and based on unique optics design and

18 Optical Switch Manufacturers in 2026

18 Optical Switch Manufacturers in 2026 This section provides an overview for optical switches as well as their applications and principles. Also, please take a look at the list of 18 optical switch

Optical Switches – Mouser

Mouser is an authorized distributor for many optical switch manufacturers including Broadcom, Omron, onsemi, Sharp Micro, TT Electronics, Vishay & more. Please view our large selection of optical

Optical Switches

We lead the industry in optical switch technology, delivering the lowest insertion loss (0.2 dB), fastest switching speed (10 ns), broadest wavelength range (300–2400 nm), widest fiber compatibility,

2x2 Mechanical Optical Cross Switch – Optilab

The Optilab compact low noise 2x2 bidirectional optical cross switch module is a simple and reliable tool for engineering, laboratory, production settings and field applications.

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Optical Switches

Abstract After a detailed introductory discussion of general concepts, which apply to optical switches regardless of their implementation technology, the following sections cover opto-mechanical switches

A Review of Silicon-Based Integrated Optical Switches

In general, the optical switch using the T-O phase shift mechanism can achieve a smaller size, while the optical switch using the E-O phase shift

Optical switch

Find your optical switch easily amongst the 20 products from the leading brands (BANNER, HUBER+SUHNER, STAHL, ...) on DirectIndustry, the industry

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Fiber-optic Prism Optical Switches

These component-style fiber-optic prism optical switches utilize moving prisms between fixed collimator pairs, which allows bi-directional switch operation

Optical MEMS Switches · Sercalo

Sercalo Microtechnology Ltd., a leader in optical MEMS technology since 1999, offers a comprehensive range of high-performance optical switches designed for

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Coherent Market Insights provides Market Research, Customized Research, Business Intelligence, B2B Consulting, and Advisory Services to

Optical Switches – Mouser

Optical Switches are available at Mouser Electronics from industry leading manufacturers. Mouser is an authorized distributor for many optical switch manufacturers including Broadcom, Omron, onsemi,

Optical switches

Fiber optical switches from WEINERT are based on a micro-mechanical/micro-optical design featuring high-precision optics. These offer excellent parameters,

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D2X2B Optical Switch: The Reliable Fiber Switching Solution for

D2X2B Optical Switch is a dual 2×2 latching mechanical optical switch that directs optical signals between different fiber paths without converting them into electrical signals.

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Traditional volume-based foundries may want to integrate advanced packaging capabilities. OSATs could codesign chiplets with integrated device

Optical Switches – types, electro-optic, acousto-optic,

Optical switches are photonic devices that control the flow of light. A wide range of switch technologies are used, with widely varying performance parameters.

Contact Us

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