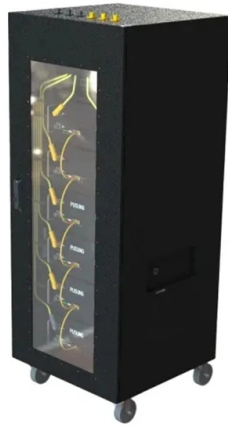


Price of 16x16 MEMS optical switch



AI Overview

The price of a 16x16 MEMS optical switch typically ranges from \$10,000 to \$30,000, depending on manufacturer, configuration, and additional features, with formal quotes provided upon request.

Overview

16x16 MEMS optical switches are high-performance devices used for dynamic routing of optical signals in complex networks. They offer non-blocking bidirectional cross-connections, fast switching times (≤ 10 ms), low insertion loss, high return loss, and minimal crosstalk, making them suitable for optical transmission, sensing, and testing systems (DiCon, Qianlue, Agiltron). These switches are compact, energy-efficient, and can be controlled locally or remotely via interfaces like RS232 or network-based GUI.

Pricing Considerations

- **Manufacturer and Brand:** Prices vary significantly between vendors such as DiCon, Agiltron, and Qianlue due to proprietary MEMS technology and support services.
- **Configuration Options:** Duplex vs. simplex, LC/APC connectors, optical power monitors, attenuators, and environmental specifications (temperature range, ruggedization) can affect cost.
- **Order Volume and Customization:** Bulk orders or custom port arrangements may reduce per-unit cost, but formal pricing is typically provided via a quote from the manufacturer.
- **Warranty and Support:** Extended warranties (e.g., 5 years from Agiltron) and soft...

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