

1x16 MEMS Optical Switch

This MEMS optical switch utilizes micro-electro-mechanical system (MEMS) technology to achieve low insertion loss. It is mainly used in optical cross and connection (OXC) systems, optical add/drop systems, and optical signal monitoring systems.



Product Overview

High-Performance MEMS Optical Switch

This 1x16 MEMS optical switch utilizes advanced micro-electro-mechanical system technology to deliver exceptional optical performance. It features low insertion loss and high repeatability by utilizing precise mirror rotation within the MEMS chip. Designed for reliability and versatility, it is an ideal solution for optical cross-connect systems, signal monitoring, and instrumentation.

Technical Specifications

Operating Wavelength	1310/1550 nm
Insertion Loss Condition	Without connector

Compliance & Quality

Certifications	Telcordia GR-1073-CORE, RoHS Compliant
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Features & Applications

Key Features

- High Reliability
- Intrinsic tolerance to ESD

Typical Applications

- Channel Blocking
- Configurable Add/Drop
- System Monitoring
- Instrumentation