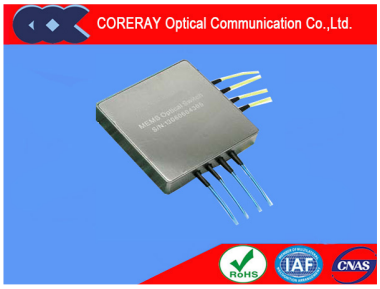
4x4 MEMS Fiber Optic Switch

The MEMS Latch Series 4x4 Fiber optic switch connects optical channels by redirecting incoming optical signals into selected output fibers. It features rugged thermal activated micro-mirror movements instead of rotation, and latches to preserve the selected optical path after the drive signal has been removed.



Product Overview

High-Performance MEMS Switching

The 4x4 MEMS Latch Series Fiber optic switch provides reliable optical channel connectivity by redirecting incoming signals into selected output fibers. Utilizing a patent-pending MEMS configuration with thermal-activated micro-mirror movements, this switch offers high stability and a compact footprint. It features a latching mechanism to maintain the optical path even after the drive signal is removed, simplifying driving electronics and reducing overall costs.

Key Features

Key Features	High Reliability, Latching Mechanism, ESD Tolerance, Compact Design

Applications

Typical Applications

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

Performance Specifications

Performance Data

Parameter	Value/Range
Wavelength Range	1260 - 1620 nm
Testing Wavelength	1310/1490/1550/1625/1650 nm