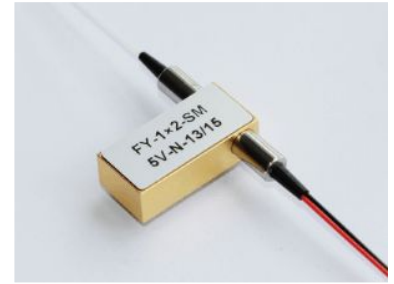


# 1x2T Mechanical Fiber Optic Switch

The 1x2 Mechanical Optical Switch connects optical channels by redirecting an incoming optical signal into a selected output fiber. This is achieved using a patent pending opto-mechanical proprietary configuration and activated via an electrical control signal.



## Product Overview

### Reliable Optical Switching

The 1x2T Mechanical Fiber Optic Switch is a compact and reliable solution designed for high-performance optical signal management. Engineered for single-mode fiber applications, this device ensures excellent stability and performance across 1310/1550nm wavelengths. Its robust design and low insertion loss make it an ideal component for advanced optical communication systems, sensing networks, and precision instrumentation.

## Technical Specifications

Operating Wavelength	1310/1550nm
Fiber Type	Single-mode
Switch Configuration	1x2T

## Power & Control

Operating Voltage	5 V
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## Key Features

### Performance Highlights

**5 V**

Operating Voltage

### Capabilities

Low Insertion Loss, High Isolation, High Stability, Compact Design

## Applications

### Typical Applications

- Optical communication systems
- Fiber optic sensing
- Instrumentation applications