

# 1x1T Fiber Optic Switch

This 1x1T optical switch(OSW) features low insertion loss, low driving power, small size, and high switching speed. The switch is designed for use in optical fiber communication networks and measurement instruments.



## Overview

### High-Performance Optical Routing

The 1x1 Single Mode Optical Switch is a compact, high-performance device engineered for reliable optical signal routing and switching. Designed for versatility, it operates efficiently across the 1310nm and 1550nm wavelength ranges. This component delivers excellent stability, low insertion loss, and high isolation, making it an ideal choice for complex optical communication systems, fiber optic sensing, and precision instrumentation.

## Technical Specifications

Wavelength Range	1310nm, 1550nm
Switch Configuration	1x1 Single Mode
Operating Voltage	5 V

## Performance Metrics

### Key Performance Indicators

**1310 nm**

Wavelength 1

**1550 nm**

Wavelength 2

**5 V**

Voltage

## Applications

### Primary Applications

- Optical communication systems
- Fiber optic sensing
- Instrumentation