

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