

1x1 Single Mode Fiber Optic Switch

This 1x1 single-mode fiber optic switch features low insertion loss and a wide wavelength range. It offers high stability, high reliability, and epoxy-free construction on the optical path.



Product Overview

High-Performance 1x1 Optical Switch

This 1x1 mechanical fiber optic switch connects optical channels by redirecting incoming signals into a selected output fiber using a proprietary opto-mechanical configuration. It supports a wide wavelength range from 1260nm to 1650nm, ensuring versatile compatibility for telecommunication engineering. Designed for reliability, the device features low insertion loss, high stability, and bi-directional performance, making it ideal for network protection, signal routing, and instrumentation.

Technical Specifications

Key Features

- Low Insertion Loss
- Low Crosstalk
- High Stability
- High Reliability
- Epoxy-free on Optical Path

Wavelength Range	1260nm - 1650nm
Switching Configurations	Latching, Non-latching

Applications

Industry Applications

Optical Network Protection • Transmitter/Receiver Protection • Network Test Systems • Instrumentation • Channel Blocking • Configurable Add/Drop • System Monitoring