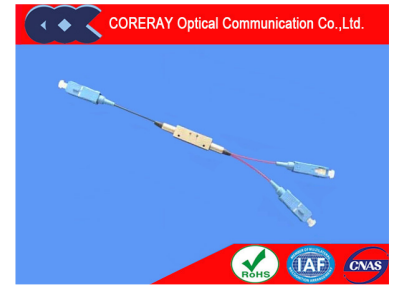
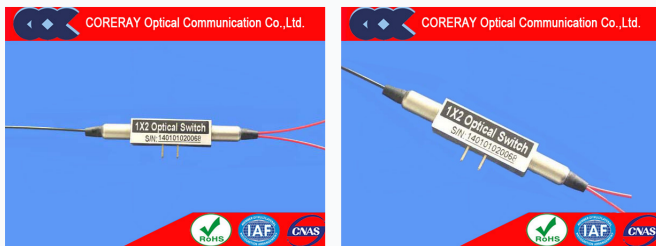


1x2 Solid-State Fiber Optic Switch

The 1x2 solid state fiber optical switch connects optical channels by redirecting an incoming optical signal into a selected output fiber. This is achieved using patented non-mechanical configurations and activated via an electrical control signal.



ADDITIONAL IMAGES



Overview

High-Performance Optical Switching

The 1x2 solid-state fiber optical switch is a professional-grade component designed to connect optical channels by redirecting incoming signals into a selected output fiber. Utilizing a patented non-mechanical configuration activated by an electrical control signal, this device ensures high stability and reliability in demanding environments. It is an ideal solution for optical network protection, monitoring, and signal routing applications where precision and durability are paramount.

Key Features

Key Features

- Low Insertion Loss
- Wide Wavelength Range
- Low Crosstalk
- High Stability and Reliability
- Epoxy-free on Optical Path
- Latching and Non-latching options

Performance Metrics

Optical Performance

0.7 dB

Typical Insertion Loss

50 dB

Return Loss (min)

45 dB

Channel Cross Talk (min)

0.1 dB

PDL (max)

Technical Specifications

Detailed Specifications

Parameter	Value
Wavelength Range	1295~1325, 1520~1580 nm
Testing Wavelength	1310/1550 nm
Insertion Loss (Max)	1.0 dB

Applications

Typical Applications

Optical Signal Switching, Network Protection, Network Monitoring, Video Distribution, Instrumentation, Military Communications