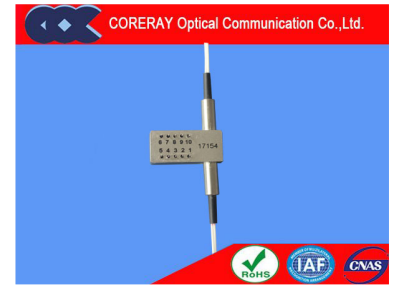
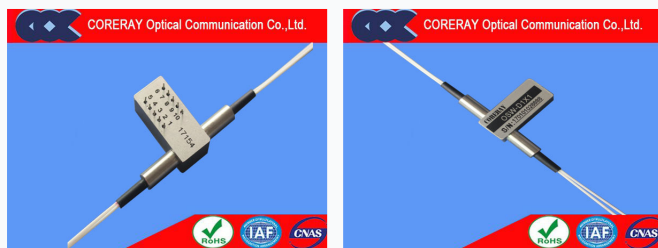


# D1X1 Fiber Optic Switch

This optical switch utilizes a patented non-mechanical configuration, activated through an electrical control signal. Its latching operation ensures the selected optical path remains intact even after the drive signal is removed.



## ADDITIONAL IMAGES



## Overview

### D1X1 Fiber Optic Switch

The D1X1 is a high-performance optical switch utilizing patented non-mechanical configuration technology, activated via an electrical control signal. Designed for reliability, its latching operation ensures the selected optical path is preserved even after the drive signal is removed. This compact device offers low insertion loss and high stability, making it an ideal component for optical network protection, monitoring, and routing applications.

## Key Features

Key Features	Low Insertion Loss, Wide Wavelength Range, Low Crosstalk, High Stability, High Reliability, Epoxy-free Optical Path, Latching & Non-latching
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## Performance Metrics

### Performance Metrics

<b>0.6 dB</b> Typical Insertion Loss (650-1310nm)	<b>0.5 dB</b> Typical Insertion Loss (1260-1670nm)	<b>1 dB</b> Max Insertion Loss (650-1310nm)	<b>0.8 dB</b> Max Insertion Loss (1260-1670nm)
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## Technical Specifications

### Wavelength Specifications

Parameter	Band 1 (650-1310nm)	Band 2 (1260-1670nm)
Testing Wavelength (nm)	650/780/850/980/1064/1310	1310/1490/1550/1625/1650

## Applications

### Typical Applications

- Optical Signal Switching and Routing
- Optical Network Protection and Restoration
- Optical Network Monitoring
- Video Distribution
- Instrumentation Resource Sharing
- Military Communications