

D1x2 Fiber Optic Switch

This optical switch meets demanding switching requirements with continuous operation and fast response time. The switch has built-in circulator and isolator functions, with an electronic driver available.



ADDITIONAL IMAGES



Overview

High-Performance D1x2 Optical Switch

This D1x2 optical switch is engineered for demanding environments requiring continuous operation, long-term reliability, and resistance to shock and vibration. It features a built-in circulator and isolator, ensuring minimal signal degradation with low insertion loss and low crosstalk. Suitable for critical applications ranging from military communications to optical network monitoring, this device is available with an optional electronic driver.

Key Features

Core Features

Low Insertion Loss, Wide Wavelength Range, Low Crosstalk, High Stability, Epoxy-free Optical Path, Latching/Non-latching Options

Technical Specifications

Optical Performance

Parameter	Series 1 (650-1310nm)	Series 2 (1260-1670nm)
Insertion Loss (dB)	Typ: 0.6, Max: 1.0	Typ: 0.5, Max: 0.8

Wavelength Support

- Operating Range: 650–1310 nm and 1260–1670 nm
- Testing Wavelengths (Short): 650/780/850/980/1064/1310 nm
- Testing Wavelengths (Long): 1310/1490/1550/1625/1650 nm

Applications

Common Applications

Optical Signal Routing • Network Protection • Network Monitoring • Video Distribution • Instrumentation Sharing • Military Communications