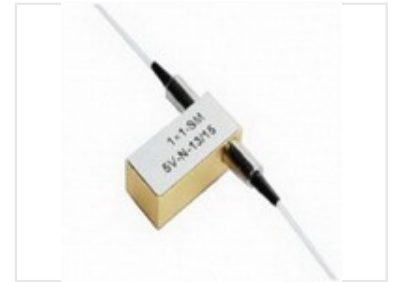


D2X2B Fiber Optic Switch

The D2X2B optical switch is a precision device for routing optical signals. It features low insertion loss, high isolation, and fast switching speeds.



Overview

D2X2B Fiber Optic Switch

The D2X2B is a high-performance fiber optic switch engineered for precise optical signal routing. It offers exceptional reliability with a lifetime exceeding 10 million cycles and rapid switching speeds of under 8ms. Designed for versatility, it supports a wide wavelength range and operates effectively in extreme temperatures from -40°C to +85°C.

Optical Performance

Max Insertion Loss

1.2 dB

Max Loss

Return Loss	50 dB
Crosstalk	50 dB
Wavelength Ranges	650–1310 nm, 1260–1670 nm

Technical Specifications

Switching Performance

Parameter	Value
Switch Time	d8ns
Repeatability	d±0.02dB
Lifetime	e10^7Cycles
Power Supply	3.0 V or 5.0 V
Max Transmission Power	500 mW

Physical Characteristics

Operating Temperature	-40 to +85 °C
Dimensions (L x W x H)	27 x 12.6 x 8.5 mm
Weight	16 g