

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

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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	≤8ms
Repeatability	±0.02dB
Lifetime	≥10 ⁷ Cycles
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