

OPTICAL CIRCUIT SWITCHES

D2x2 Mechanical Optical Switch

Dual-band 2x2 switch covering 850/1300 nm or 1310/1550 nm pairs on single-mode fiber.



Key Features

- Dual-band operation: 850/1300 nm or 1310/1550 nm
- 2x2 cross-connect configuration
- Insertion loss ≤ 1.5 dB
- Strong crosstalk suppression on single-mode
- 3 V or 5 V low-voltage control

Applications

- Optical path switching and route selection
- Network protection and redundancy switching
- Fiber monitoring and remote test access
- Automated test and measurement equipment

Overview

The D2x2 applies dual-band switching to a 2x2 cross-connect: both wavelength bands move together on a single actuation, in either an 850/1300 nm or a 1310/1550 nm pairing.

It is a single-mode structure with strong crosstalk suppression and fast switching, in the same compact, low-voltage package family as the rest of our mechanical switches.

Specifications

Optical Performance

PARAMETER	VALUE	UNIT
Number of Channels	D2 x 2	
Operating Wavelength	850 & 1300, or 1310 & 1550	nm
Insertion Loss	≤ 1.5	dB

Electrical

PARAMETER	VALUE
Operating Voltage	3 V or 5 V

Order or request a quote

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