

0306 Electro-mechanical Switch

Q1002-S



2x2 Bypass Multimode Fiber Switch

This 2x2 bypass multimode fiber optic switch utilizes micro-optics and miniaturized relay to cross-switch two optical inputs to two optical outputs. The optical output state will be latched after the drive voltage is removed. It features low loss, high cross-talk, and very repeatable operation.

FEATURES

- Low Insertion Loss
- Parallel Interface
- Modularized Design
- Epoxy Free on Optical Path

USE IN

- Ring Network
- Remote Monitoring in Optical Network
- Testing of Fiber Optical Component

Insertion Loss	0.8 dB typ.
Operating Wavelength	750 nm to 1450 nm
Crosstalk	60 dB max.
Return Loss	-45 dB typ.
PDL	0.05 dB max.
Repeatability	±0.1 max.
Power Supply	5 V
Switch Time	10 ms max.
Current	80 mA
Operating Temperature	-5°C to +70°C
Fiber Type	Multimode 50/125/250 Microns, 1 Meter
Dimensions	12(H)x24(W)x40(L) mm