

## 0306 Electro-mechanical Switch

Q1000-S



### 1x2 Compact Fiber Switch-1550 nm

This 1x2 compact fiber optic switch utilizes micro-optics and a 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	0.25 dB max.
Operating Wavelength	1520 nm to 1580 nm
Crosstalk	-60 dB max.
Return Loss	50 dB min.
PDL	0.05 dB max.
Repeatability	±0.05 max.
Power Supply	5 V
Switch Time	10 ms max.
Current	40 mA
Operating Temperature	-5°C to +70°C
Fiber Type	SMF-28
Dimensions	62.5(L)x7.5(OD) mm