

## 0306 Electro-mechanical Switch



Q1300-S

### 1x16 Mechanical Fiber Optic Switch

1x16 Mechanical Optical Switch is not affected by this polarization and wavelength. It supports all wavelength at 850 nm and 1260 nm to 1650 nm, and It provides high reliability, low insertion loss, fast switching speed and bi-directional performance. They are widely used for multiplex OADM, cross connectors OXC, system testing and protection.

#### FEATURES

- Unmatched Low Cost
- Low Insertion Loss
- Latching and Non-latching
- High Channel Isolation
- High Stability, High Reliability
- Epoxy-free on Optical Path

#### USE IN

- Optical Network
- Protection/Restoration
- Transmitter and Receiver Protection
- Configurable Optical Add/Drop
- Optical Signal Routing
- Network Test System

Insertion Loss	0.6 dB max.; 0.4 dB typ.
Operating Wavelength	1260 nm to 1650 nm
Wavelength Dependent Loss	0.25 dB max.
Crosstalk	70 dB min.
Return Loss	50 dB min.
PDL	0.05 dB max.
Wavelength Dependent Loss	0.25 dB max.
Temperature Dependent Loss	0.25 dB max.
Repeatability	±0.02 max.
Power Supply	50 V max.
Switch Time	8 ms max.
Transmission Power	500 mW max.
Operating Temperature	-20°C to +70°C
Fiber Type	SM or MM