0306 Electro-mechanical Switch

Q1100-S

1x8 Mechanical Fiber Optic Switch

The 1x8 mechanical fiber optic switch connects optical channels by redirecting an incoming optical signal into a selected output fiber. This is achieved using a patent pending opto-mechanical configuration and activated via an electrical control signal. The mechanical operation offers ultra-high reliability and fast switching speed as well as bi-directionalal performance. The MMS fiberoptic switches are true switching solutions for optical networking applications.

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.; 1.0 dB max.
Operating Wavelength	850/1310/1550/1625
Channel Crosstalk	55 dB min.
Return Loss	50 dB min.
Polarization Dependent Loss	0.05 dB max.
Wavelength Dependent Loss	0.25 dB max.
Temperature Dependent Loss	0.25 dB max.
Repeatability	±0.02 max.
Power Supply	5 V/12 V
Switch Time	8 ms max.
Transmission Power	500 mW max.
Operating Temperature	-20°C to +70°C
Storage Temperature	-40°C to +85°C