

0506 Electro-mechanical Switch

Q1300-S



1x16 Mechanical Fiber Optic Switch

This 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-directional performance. The 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 nm/1310 nm/1550 nm/1625 nm
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.
Fiber Type	SM Fiber
Dimension	184x78x36 mm (12 < N ≤ 16)
Operating Temperature	-20°C to +70°C
Storage Temperature	-40°C to +85°C

Order notes to our customers: The default parameters are as follows. For special needs, please contact sales.

1) Connector FC/APC, 900 um, 1 m by default for all devices except for high power devices.

2) Slow axis working, fast axis blocked, connector key is aligned to slow axis by default for PM devices.