

0306 Electro-mechanical Switch

Q1001-S



2x2 SN Type Fiber Switch-1550 nm

The SN series fiberoptic switch is GR-1221 qualified and designed for use in central office network applications. This reliable, miniature optical component is available as a 1x1 (on/off), 1x2, and 2x2 switch. Collimated lenses and a moving mirror minimize insertion loss and improve the repeatability and stability of the switch parameters. The switch itself is directly mounted on printed circuit boards (PCBs), and is equipped with status contacts to provide an electrical readout of the switch position. Latching operating ensures that the switch remains in position following power loss.

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	0.80 dB max.
Operating Wavelength	1510 nm to 1590 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	8 ms max.
Current	40 mA
Operating Temperature	-5°C to +70°C
Fiber Type	SMF-28
Dimensions	59.8(L)x18.1(W)x12.2(D)