0307 MEMS Optical Switch

Q1200-S

1x16 MEMS Optical Switch

The MEMS OSW is based on micro-electro-mechanical system (MEMS) technology, which achieves low insertion loss and highly repeatability by rotating the mirror of MEMS chip. MEMS OSW is mainly used in optical cross and connection (OXC) system, optical add/drop system, measure instrument system and optical signal monitoring system.

FEATURES

- Low Insertion Loss
- Highly Repeatability
- Large 1x16 Port Counts

USE IN

- Optical Cross and Connection
- (OXC) System
- Optical Add/drop System
- Measure Instrument System
- Optical Signal Monitoring System

Insertion Loss	1.2 dB max.
Operating Wavelength	1525 nm to 1565 nm
Wavelength Dependent Loss	0.3 dB max.
Crosstalk	40 dB min.
Return Loss	40 dB min.
PDL	0.15 dB max.
Wavelength Dependent Loss	0.25 dB max.
Temperature Dependent Loss	0.3 dB max.
Repeatability	±0.1 max.
Power Supply	58 V max.
Switch Time	30 ms max.
Transmission Power	500 mW max.
Operating Temperature	-5°C to +65 °C