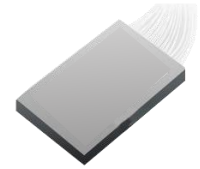


0507 MEMS Optical Switch

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.

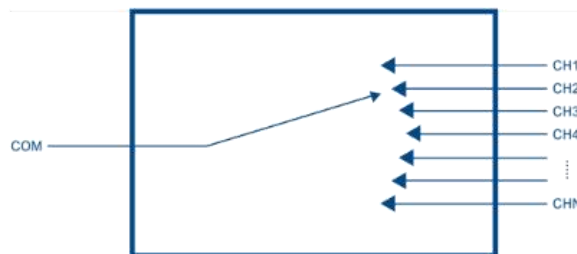
FEATURES

- 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

FUNCTIONAL DIAGRAM



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.
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
Switching Type	No-latching

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.