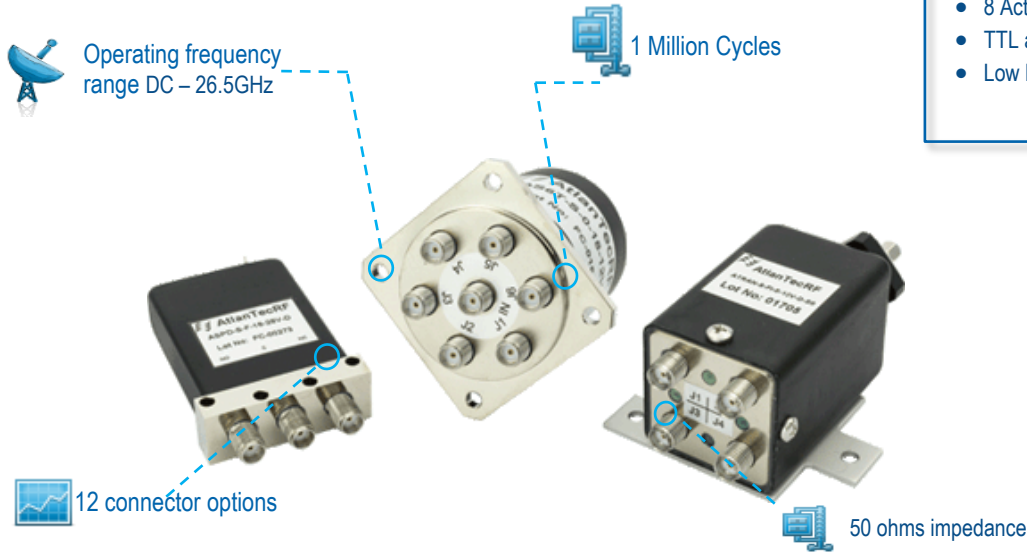


# Atlantic Microwave

## Electromechanical Switches - SPDT, SPMT & Transfer Switches

- DC – 26.5GHz (Depending on Model)
- Failsafe, Latching and normally open actuator options
- 12 Connector options
- 8 Actuator Voltage options
- TTL available for all models
- Low PIM



General Specifications				
Frequency Range	DC-6 GHz	6-12 GHz	12-18 GHz	18-26.5 GHz
VSWR (max.)	1.25:1	1.4:1	1.5:1	1.80:1/ (2.0:1 TRAN series)
Insertion Loss (max.)	0.20dB	0.40dB	0.50dB	0.70dB / (0.80dB TRAN)
Isolation (min.)	70dB	60dB	60dB	50dB
RF Contacts	Break before Make			
Switch Time	15 – 30ms			
Impedance	50 Ohms (75 Ohms available for SPDT upon Request)			
Temperature Range	-25°C to +65°C Operating (wider range available for environments where additional shock, vibration and humidity tolerance required).			
Operating Life	1 Million Cycles			

Typical Stock Examples	
ASPD-T-S-F-18-12V	SMA, Failsafe without Indicator, 18GHz, 12V
ASPD-T-S-LI-18-5V-S	SMA, Latching with Indicator, 18GHz, 5V, Self Cutoff
ASPD-T-S-L-18-12V-D	SMA, Latching without Indicator, 18GHz, 12V, TTL
ASPD-T-S-F-18-15V-D	SMA, Failsafe without Indicator, 18GHz, 15V, TTL
ASPD-T-S-FI-18-15V-D	SMA, Failsafe with Indicator, 18GHz, 15V, TTL
ASPD-T-S-L-18-15V-D	SMA, Latching without Indicator, 18GHz, 15V, TTL
ASPD-T-S-LI-18-15V-D	SMA, Latching with Indicator, 18GHz, 15V, TTL
ASPD-T-S-F-18-28V-D	SMA, Failsafe without Indicator, 18GHz, 28V, TTL
ASPD-T-S-L-18-28V-D	SMA, Latching without indicator, 18GHz, 28V, TTL
ASPD-T-S-LI-26-12V	SMA, Latching with Indicator, 26.5GHz, 12V
ASP6T-S-O-18-12V	SMA, Normally open without Indicator, 18GHz, 12V
ATRAN-S-FI-8-12V-D-S9	SMA, Failsafe with Indicator, 8GHz, 12V, TTL, 9Pins D-Sub Control

Note 1: The specification is subject to regular reviews and will be updated from time to time as part of our continuing product development and improved spec accuracy.  
 Note 2: Operation beyond the quoted limits stated above may cause instantaneous and permanent damage.

