

Atlantic Microwave

PIN Diode Switches - Multi-Way

Options: SP3T, SP4T, SP6T & SP8T

- Frequency Ranges: 0.02 - 18 GHz
- TTL Control
- Absorptive & Reflective
- Octave & Multi-Octave
- High Isolation
- Low Insertion Loss



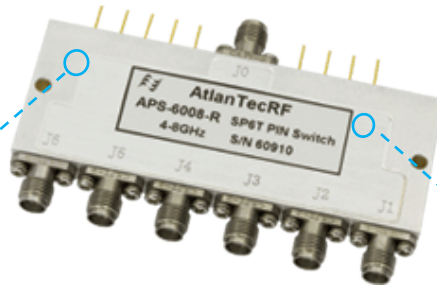
Operating frequency range 0.02 - 18 GHz



Low insertion loss



High Isolation



Octave & Multi-Octave

General Specifications		Absorptive (GHz)	Reflective (GHz)
Impedance	50 ohms	0.02 - 0.5	0.02 - 0.5
DC Bias	+5 +/-0.5V @ 30mA -5 +/-0.5V @ 30mA	0.02 - 3.0	0.02 - 3.0
Control	TTL "0" Low Loss TTL "1" Isolation	0.5 - 1.0	0.5 - 1.0
RF Connectors	SMA female to MIL-C-39012	1.0 - 2.0	1.0 - 2.0
Bias & Control	Solder Pins	2.0 - 4.0	2.0 - 4.0
Housing	Passivated Aluminium Standard or Gold Plated Brass Optional	2.0 - 18.0 (3T & 4T only)	2.0 - 18.0 (3T & 4T only)
Lid Sealing	Epoxy	4.0 - 8.0	4.0 - 8.0
Operating Temperature Range	-55 C to +85 C	8.0 - 12.0	8.0 - 12.0
Custom Options	Higher power, faster speed, higher isolation, non-TTL	12.0 - 18.0 (3T & 4T only)	12.0 - 18.0 (3T only)

Standard Options:

- Single Pole Three Throw
- Single Pole Four Throw
- Single Pole Six Throw
- Single Pole Eight Throw
- Other Outputs Available

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.

