



PIN Diode Switches

The Pascall range of PIN diode switches are designed for excellent performance and high reliability and are suitable for military and commercial applications within the 0.5 to 18 GHz frequency band.

All types can be supplied in reflective or non-reflective configuration.

The range has built in TTL drivers but may be specified without driver if required. All models are hermetically sealed to provide protection in high humidity environments and are specified to operate over the military temperature range.

General Information

Standard frequency ranges

0.5-1,1-2,2-4,4-8,8-12,12-18,2-8,8-18 & 2-18 GHz

Power handling	100 mW
Impedance	50 ohms
Form	SP1T, SP2T, SP3T, SP4T, SP5T, SP6T & SP8T
RF connectors	SMA female
Control connectors	Solder pins
Switching signal	TTL – Logic direction may be specified
Switching speed	Differs according to form and reflective/non-reflective between 15 & 30 ns. SP1T reflective typical 15ns SP8T non-reflective typical 30ns

Power Supply – Volts

Four options +5&-12V, +5&-15V, +/- 12V & +/-15V

Current

Dependent on type

Temp – operating storage -55 to +105 deg C
-65 to +125 deg C

Case style Consult sales office for options

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TRANSFER SWITCHES ARE ALSO AVAILABLE, PLEASE REFER TO THE SALES OFFICE FOR AVAILABLE RANGE