

Solid State [of-the-Art] Switches

for mission-critical applications



- Designed for Industrial & Military Applications
- Broadband Frequency Coverage up to 70 GHz
- Low Insertion Loss, High Isolation & Fast Switching Speed,
- SPST-SP32T Designs, Reflective or Absorptive
- Connectorized or Surface Mount
- Form, Fit, Function & Custom Package Designs
- Hermetic Sealing
- Military or Aerospace Screening

Quantic PMI offers a full portfolio of RF and Microwave Solid State Switches that range from DC to 70 GHz.



Featured Products

P1T-DC52G-65-T-24FM
SPST Absorptive Pin Diode Switch

P2T-100M56G-100-T
Absorptive, SP2T Pin Diode Switch

P8T-100M54G-90-T-RD
Absorptive, SP8T Pin Diode Switch

P16T-100M52G-100-T-DEC
Absorptive, SP16T Pin Diode Switch

Frequency Range	DC-52 GHz	DC-56 GHz	DC-54 GHz	DC-52 GHz
Insertion Loss	8 dB @ 50 GHz	9 dB @ 52 GHz	9 dB @ 40 GHz	12.5 dB @ 40 GHz
Isolation	55 dB @ 50 GHz	100 dB @ 18 GHz	90 dB @ 40 GHz	80 dB @ 40 GHz
Switching Speed	15 ns	50 ns	50 ns	100 ns
Power Supply	+8 to +15 V @ 15 mA -8 to -15 V @ 40 mA	+5 V @ 100 mA -5 V @ 100 mA	+5 V @ 400 mA -5 V @ 300 mA	+5 V @ 1100 mA -12 V @ 720 mA
Configuration	SPST, Absorptive	SP2T, Absorptive	SP8T, Absorptive	SP16T, Absorptive
Dimensions (inches)	1.2"×1.3"×0.5"	1.0"×0.75"×0.4"	1.6"×1.68"×0.4"	8.0"×3.0"×0.77"
Connectors	2.4mm (F/M)	2.4mm (F)	2.4mm (F)	2.4mm (F)



Get a complete list of our solid state switch models and available options, download product features and other Switch Product technical data at quanticpmi.com

Or contact us at **1-877-752-6271** or sales@quanticpmi.com