

High Resolution Broadband Multi-Octave Phase Shifters

for mission-critical applications



- Designed for Industrial & Military Applications including Beamforming Modules, Frequency Translation & Nulling, Beam Steering, TR Modules, Communications Antennas, Phased-Array Radar, Phase Modulators, & Test Instrumentation
- 0 to 360°, High Resolution
- Broadband & Multi-Octave up to 40 GHz
- Digital & Analog Control available
- Fast Speed, Low Insertion loss, High Phase Accuracy
- Hermetic Sealing, Military or Aerospace Screening available
- Form, Fit, Function & Custom Design Services
- ROHS and COTS availability!



PMI offers a full portfolio of RF & Microwave Solid State Phase Shifters available in high resolution, multi-octave & broadband designs up to 40 GHz.



PS-100M20G-8B-SFF-MIL-SM
Digital Phase Shifter



PS-812-360-14B-SFF OPT10D27
Digital Phase Shifter



PS-360-DC-3 OPTION 618-15D-10BIT
Digital Phase Shifter



PS-2G18G-360-12D-TS
Vector Phase Shifter

Featured Products	PS-100M20G-8B-SFF-MIL-SM Digital Phase Shifter	PS-812-360-14B-SFF OPT10D27 Digital Phase Shifter	PS-360-DC-3 OPTION 618-15D-10BIT Digital Phase Shifter	PS-2G18G-360-12D-TS Vector Phase Shifter
Frequency Range	0.1 to 20 GHz	8 to 12 GHz	6 to 18 GHz	2 to 18 GHz
Phase Shift Range	360°	360°	360°	360°
Phase Accuracy	±5° Typ	±3° Max	±8° (Peak to Peak)	±15° Typ
Insertion Loss	13 dB Max	12 dB Typ	12 dB Typ	18 dB Max
Switching Speed	500 ns	100 ns	30 ns	500 ns Max
Control Configuration	8-Bit TTL	14-Bit TTL	10-Bit TTL	12-Bit TTL
Dimensions (inches)	3.25" X 3.25" X 0.84"	3.25" x 2.00" x 0.50"	1.60" x 1.75" x 0.50"	4.25" x 3.50" x 1.00"
Connectors	SMA (F)	SMA (F)	SMA (F)	SMA (F)



Get a complete list of our solid state phase shifters models and available options, download product features and other Phase Shifter Product technical data at pmi-rf.com

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