Planar Monolithics Industries, Inc.
CUTTING-EDGE
2.0 to 18.0 GHz TECHNOLOGY
BROADBAND IQ VECTOR MODULATOR
PMI MODEL No: PIQ-2G18G-360-16-CD-1

- 16 dB & 360° Dynamic Range
- RF Input Power 1 Watt max.
- 16.0 dB max. Insertion Loss
- 2.2:1 max. VSWR
- Attenuation vs. Frequency ±1.17 dB @ 0 dB Attenuation ±2.72 dB @ 16 dB Attenuation
- Phase vs. Frequency ±8.28° @ 0 dB Attenuation ±19.92° @ 16 dB Attenuation
  - ±12V to ±15V @ +95 mA, -78 mA
  - 2 X 12 Bit (I & Q) TTL Control
  - Linear Control Slopes
  - 500 nsec max. Switching Speed
  - Size: 4.25" X 3.50" X 1.00"

BROADBAND PHASE SHIFTER
PMI MODEL No: PS-2G18G-360-8D

- 360° Phase Range
- RF Input Power 1 Watt max.
- 16.0 dB max. Insertion Loss
- 2:2:1 max. VSWR
- Amplitude vs. Phase (PM/AM) ±1.17 dB
- Phase vs. Frequency ±8.28°
  - ±12V to ±15V @ +95 mA, -78 mA
  - 8-Bit TTL Compatible
  - 500 nsec max. Switching Speed
  - Size: 4.25" X 3.50" X 1.00"

Visit us at Booth #530

West Coast Operation:
4921 Robert J. Mathews Pkwy, Suite 1
El Dorado Hills, CA 95762 USA
Tel: 916-542-1401  Fax: 916-265-2597
ISO9001:2008 REGISTERED
Email: sales@pmi-rf.com

East Coast Operation:
7311-F Grove Road
Frederick, MD 21704 USA
Tel: 301-662-5019  Fax: 301-662-1731
ISO9001:2008 REGISTERED
Website: www.pmi-rf.com

Hermetic Sealing, High Reliability to Mil-Std-883, Small Quantity Requirements accepted & we welcome Custom Designs too.