New Products Released by
PLANAR MONOLITHICS INDUSTRIES, INC (PMI)
on APRIL 16, 2013

30MHz to 3.0GHz High Power Limiter

PMI Model No. LM-30M3G-C3-1

PMI Model Number LM-30M3G-C3-1 is a high power limiter that operates from 30MHz to 3.0GHz. This limiter can handle input power levels up to 5 watts CW and provides a maximum leakage of +10dBm. The insertion loss is 1.2dB maximum with a maximum VSWR of 1.5:1. The recovery time is less than 1usec. This limiter is offered in a coaxial package measuring only 1.314" x 0.375" diameter.

Please Click PMI Website Link,
http://www.pmi-rf.com/Products/limiters/LM-30M3G-C3-1.htm

500MHz to 6.0GHz, 30dB Gain, Low Noise Amplifer

PMI Model No. PE2-30-0R56R0-5R0-22-12-SFF

PMI Model No. PE2-30-0R56R0-5R0-22-12-SFF is a 500MHz to 6.0GHz low noise amplifier that typically provides 30dB of gain. The gain flatness is ±1.0dB maximum with a noise figure is 5.0dB typical. This amplifier provides a minimum OP1dB of +21dBm. The VSWR is 2.0:1 maximum into 50 ohms impedance and operates on a single DC supply of +12 to +15 volts with 325mA nominal current consumption. This unit is supplied with field removable SMA female connectors and in our standard PE2 housing that measures 1.08" x 0.71" x 0.29".

Please Click PMI Website Link,
http://www.pmi-rf.com/Products/amplifiers/PE2-30-0R56R0-5R0-22-12-SFF.htm
20GHz to 40GHz, 28dB Gain, Low Noise Amplifier

PMI Model No. PE2-28-20R040R0-5R5-18-12-SFF

PMI Model No. PE2-28-20R040R0-5R5-18-12-SFF is a 20GHz to 40GHz low noise amplifier that typically provides 28dB of gain. The gain flatness is ±2.5dB maximum and ±1.5dB typical with a noise figure of 5.5dB typical. This amplifier provides a minimum OP1dB of +15dBm. The VSWR is 2.3:1 into 50 ohms impedance and operates on a single DC supply of +12 to +15 volts with 350mA nominal current consumption. This unit is supplied with field removable 2.92mm female connectors and in our standard PE2 housing that measures 1.08" x 0.71" x 0.29".

Please Click PMI Website Link, http://www.pmi-rf.com/Products/amplifiers/PE2-28-20R040R0-5R5-18-12-SFF.htm

4.0GHz to 8.0GHz, 60dB Gain, Low Noise Amplifier

PMI Model No. PEC2-60-4G8G-1R75-14-12-SFF

PMI Model No. PEC2-60-4G8G-1R75-14-12-SFF is a 4.0GHz to 8.0GHz low noise amplifier that typically provides 60dB of gain. The gain flatness is ±1.25dB maximum with a noise figure of 1.75dB maximum. This amplifier provides a minimum OP1dB of +14dBm. The VSWR is 2.0:1 maximum into 50 ohms impedance and operates on a single DC supply of +12 to +15 volts with 350mA nominal current consumption. This unit is supplied with field removable SMA female connectors and in our standard PEC2 housing that measures 2.98" x 0.78" x 0.26".

Please Click PMI Website Link, http://www.pmi-rf.com/Products/amplifiers/PE2-60-4R08R0-1R75-14-12-SFF.htm

900MHz to 930MHz, 6-BIT Digitally Controlled Phase Shifter

PMI Model No. PS-360-900M930M-6-SFF

PMI Model No. PS-360-900M930M-6-SFF is a 900MHz to 930MHz, 6-BIT digitally controlled phase shifter having a LSB of 5.6 degrees. The insertion loss is 7dB typical, 7.5dB maximum with a typical VSWR of 2.0:1. This is a high

Please Click PMI Website Link, http://www.pmi-rf.com/Products/phasers/PS-360-900M930M-6-SFF.htm
speed phase shifter that can switch from one phase state to the next in typically 250nsec. This model will operate at input power levels up to +14dBm CW and operates on a DC power supply of ±15VDC. The housing measures 2.0” x 2.1” x 0.5” and is painted gray. Other frequency ranges are available.

Please Click PMI Website Link, http://www.pmi-rf.com/Products/phaseshift-biphasemod/phaseshifters/PS-360-900M930M-6-SFF.htm

DC to 40GHz Components, Modules, and Systems

PMI offers just about any RF/Microwave component, module, or system for both commercial and military based requirements. Please click on the product types below to be directed to our web site catalog. Components and modules can be modified to meet your exact requirement. (Click on links below to be directed to the web listings)

Low Noise Amplifiers  Threshold Detectors  Filters & Switch Filter Banks

Dielectric Resonator Oscillators

Diode Detectors  Digital Attenuators  Digitally Tuned Oscillator

Frequency Discriminators  I/Q Vector Modulators  Limiters
Multifunction Integrated Assemblies
Phase Shifters
Power Dividers/Combiners

Quadrature Couplers
SDLVA's
Switch Matrices

DLVA / ERDLVA
Receiver Front Ends
SMT and QFN Packaging

Rack Mount & Chassis Products
Solid-State Switch Products
Switchable Low-Noise LNA's

OEM & Obsolete Parts Support

"NEW" Products offered by PMI: High Quality - Custom Tailored Solutions

- Voltage Controlled Oscillators (VCO's)
- Frequency Sources (Synthesizers & Phase Locked Loops)
- Solid State RF Attenuators
- Frequency Multipliers
- 90 and 180 Degree Hybrids
- Single Side-Band Modulators and Image Rejection Mixers
- Down Converter Modules
- Test Loop Translators
- Phase Detectors
- Phase Comparators
- Clock Generators

In-Stock items that ship the same day!!
We truly value your interest in our companies and our products. We appreciate your feedback. Please feel free to contact us with any requirements or questions that you may have.

Sincerely,

PMI Marketing Department
7311-F Grove Road Frederick, MD 21704 USA
Phone (301) 662-5019 / Fax (301) 662-1731
Email: sales@pmi-rf.com / Web: www.pmi-rf.com