New Products Released/Products Updated by
PLANAR MONOLITHICS INDUSTRIES, INC (PMI)
on February 13, 2014

1.0 DTA-14G40G-32-CD-2: 14.0 to 40.0GHz, 10-Bit, Programmable Attenuator
2.0 DLVA-2G4G-45-70-CD-1: 2.0 to 4.0GHz, DLVA with a Dynamic Range of 45dB
3.0 PE2-30-4G8G-2R0-10-12-SFF: 4.0 to 8.0GHz, 27dB Gain, Low Noise Amplifier

1.0: 14.0 to 40.0GHz, 10-Bit Programmable Attenuator

PMI Model No. DTA-14G40G-32-CD-2

PMI Model No. DTA-14G40G-32-CD-2 is a 10 Bit programmable attenuator with step resolution as low as 0.04dB which provides over 32dB of attenuation over the frequency range of 14.0 to 40.0GHz. This model is offered in a slim line housing measuring 2.0” x 1.8” x 0.5” with 2.92mm female connectors and operates on a single +15VDC supply with only 40mA of current consumption typically.

Please Click PMI Website Link,

2.0: 2.0 to 4.0GHz, DLVA with a Dynamic Range of 45dB
**PMI Model No. DLVA-2G4G-45-70-CD-1**

PMI Model No. DLVA-2G4G-45-70-CD-1 is a detector log video amplifier (DLVA) that operates between the 2.0 to 4.0GHz frequency range. It has a dynamic range of 45dB, a log slop of 70mV/dB and a nominal video bandwidth of 14MHz. Furthermore, the DLVA has features that can convert any incoming signal ranging from 50ns to CW to a pulsed output of 600ns. In addition, the DLVA will not trigger an output with input pulse widths of 40ns or less. This state of the art design utilizes cutting edge technology which provides stunning performance and reliability in a compact package making it an optimum solution for high speed channelized receiver applications.

Please Click PMI Website Link,  

**3.0: 4.0 to 8.0GHz, 27dB Gain, Low Noise Amplifier**

**PMI Model No. PE2-30-4G8G-2R0-10-12-SFF**

PMI Model No. PE2-30-4G8G-2R0-10-12-SFF is a 4.0 to 8.0GHz, low noise amplifier with a typical gain of 27dB and a maximum gain flatness of +/-1.0dB. The maximum noise figure is 2.0dB and offers a minimum OP1dB of 10dBm min. This amplifier requires +12 to +15VDC with a maximum current draw of 200mA. It is supplied with removable SMA(F) connectors in our standard PE2 housing.

Please Click PMI Website Link,  
http://www.pmi-rf.com/products/amplifiers/PE2-30-4G8G-2R0-10-12-SFF.htm
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
- I/Q Vector Modulators
- Frequency Synthesizers
- Diode Detectors
- Digital Attenuators
- Digitally Tuned Oscillator
- Frequency Discriminators
- I/Q Vector Modulators
- Limiters
- Multifunction Integrated Assemblies
- Phase Shifters
- Power Dividers/Combiners
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,

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