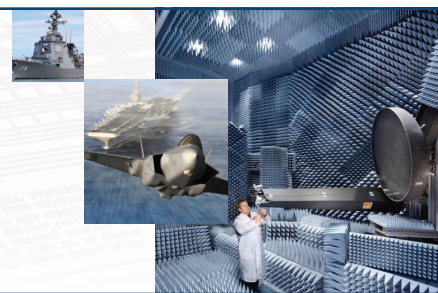


Visionary Design & Performance for Mission-Critical Applications

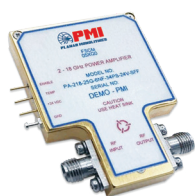


Components & Modules to 70 GHz

Planar Monolithics (PMI) was founded in 1989 and soon established its reputation as a leading designer & manufacturer of custom, high-reliability radio frequency and microwave components and subsystems. Delivering industry-standard performance for mission-critical applications in the military, communications, commercial and consumer industries. PMI continues to expand its portfolio of state-of-the-art hybrid MIC/MMIC components, modules, and subsystems. As part of an extended engineering ecosystem and powerful supply chain, PMI delivers a competitive advantage to every customer.

PMI offers more than 4500 commercial off-the-shelf models with test results, S-parameters, 3D models and detailed specs.

Featured Products



Amplifiers - Solid State

Low Noise, High IP SIGINT, High Power (SSPA), Variable Gain, Limiting, Test & Lab Use.



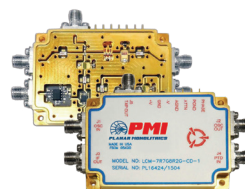
Attenuators - Digital / Analog Control, Fixed Mechanical

Broadband Performance, High Attenuation Accuracy, Excellent Frequency Flatness.



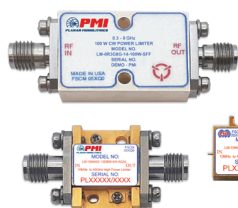
Filters & Switch Filter Banks

Low-Pass, High-Pass, Band-Pass, Notch or Bandstop, Diplexers & Multiplexers.



Integrated Microwave Assemblies (IMAs)

Amplification, Attenuation, Coupling, Digital Control, Filtering, Frequency Discrimination, Limiting, Modulation, Phase Shifting, Switching



Limiters

Broadband Coverage to 70 GHz; High Peak Power Handling; Fast Recovery & Low RF Leakage.



Log Video Amplifiers [DLVA, ERDLVA, SDLVA]

DC to 40 GHz Models available; excellent sensitivity and log linearity; high dynamic range, fast log video response time.



Phase Shifters & Bi-Phase Modulators

Broadband Coverage to 40 GHz; Analog / Digital Controlled, High Phase Accuracy; Fast Speed & Response.



Switches & Switch Matrices

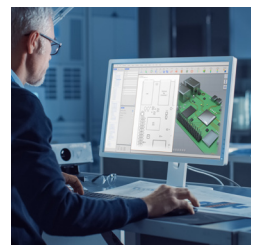
Reflective or Absorptive, SPST - SP128T, High Power, Broadband to 70 GHz, Fast Switching, High Isolation & Low Insertion Loss.



PMI is a dedicated engineering and manufacturing company that strives for total customer satisfaction by providing rapid response time and high quality products. In-stock options available via direct sales as well as private label distributors. PMI's Industry-leading sales and applications support, leading to lower costs and faster lead times than competitive options.

Design

PMI has more than 35 years of experience in the design and manufacturing of technologically superior RF, Microwave, mmWave devices, components and sub-systems for Commercial, Military and Industrial applications. At PMI, application of the most powerful and up-to-date design simulation and modeling software ensures effective and efficient results even prior to hardware prototyping.



Manufacturing

Every product PMI produces is built to rigorous MIL-STD specs. With ISO9001 and AS9100 certified facilities in Frederick, MD, USA and El Dorado Hills, CA, USA, PMI provides solutions and products that will ensure your program's success.



Testing

Highly capable in the rigorous testing that's mission-critical to the success of every PMI solution, every component is tested to ensure 100% compliance with stated requirements. Our processes are fluid and our protocols constantly upgraded to accommodate evolving program requirements in military, aerospace and commercial applications.



7309-A Grove Road
Frederick, MD 21704
USA
4921 Robert J. Mathews Pkwy, Ste 1,
El Dorado Hills, CA 95762
USA

tel 301.662.5019
url pmi-rf.com
eml sales@pmi-rf.com