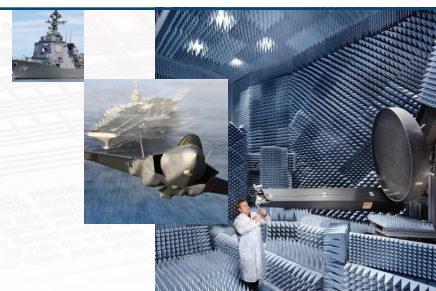


## Visionary Design & Performance for Mission-Critical Applications



## Components & Modules to 70 GHz

Planar Monolithics (PMI) was founded in 1989 and soon established its reputation as a leading supplier 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, defining a competitive advantage that extends to every PMI 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.



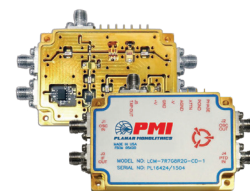
### Attenuators - Digital / Analog Control, Fixed Mechanical

Broadband Performance, High Attenuation Accuracy, Excellent Frequency Flatness.



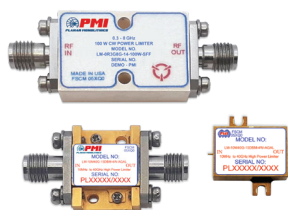
### Filters & Switch Filter Banks

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

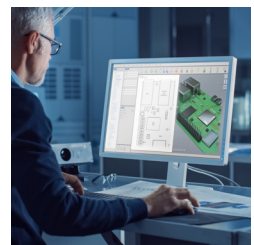
Reflective or Absorptive, SPST - SP128T, High Power, Broadband to 56 GHz; Fast Switching, High Isolation & Low Insertion Loss.



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.



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