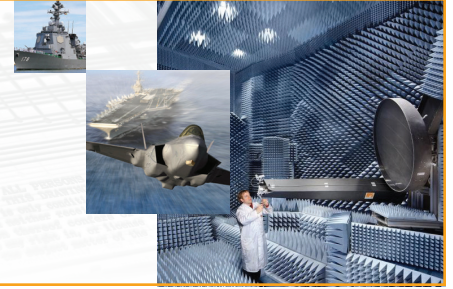


## Visionary Design & Performance for Mission-Critical Applications



### Components & Modules to 70 GHz

Quantic PMI (Planar Monolithics) 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. Quantic PMI continues to expand its portfolio of state-of-the-art hybrid MIC/MMIC components, modules, and subsystems. As a Quantic company, we are part of an extended engineering ecosystem and powerful supply chain, defining a competitive advantage that extends to every Quantic PMI customer.

**Quantic PMI offers more than 4000 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, Variable Gain, Limiting, Test & Lab Use.



### Attenuators - Variable, Programmable, Fixed

- 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; High Peak Power Handling; Fast Recovery & Low RF Leakage.



### Log Video Amplifiers [DLVA, ERDLVA, SDLVA]

- Excellent sensitivity and log linearity; high dynamic range, fast log video response time.



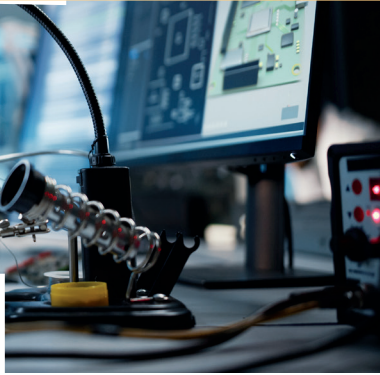
### Phase Shifters & Bi-Phase Modulators

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



### Switches & Switch Matrices

- Reflective or Absorptive, SPST - SP64T, High Power, Broadband; Fast Switching, High Isolation & Low Insertion Loss.



Quantic 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. Quantic PMI's Industry-leading sales and applications support, leading to lower costs and faster lead times than competitive options.

### Design

Quantic PMI has more than 30 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 Quantic 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 Quantic PMI produces is built to rigorous MIL-STD specs. With ISO9001 certified facilities in Frederick, MD, USA and El Dorado Hills, CA, USA, Quantic 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 Quantic 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.



**Quantic™ PMI**  
PLANAR MONOLITHICS



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