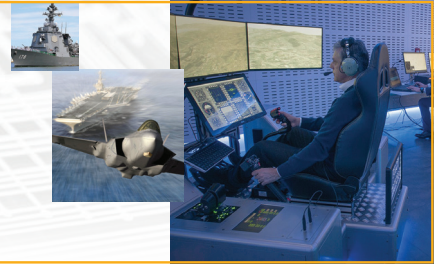


Visionary Design & Performance for Mission-Critical Applications



Integrated Assemblies, Modules & Subsystems to 70 GHz

Quantic PMI (Planar Monolithics) designs and manufactures high quality multi-function integrated microwave assemblies, modules and subsystems for commercial, industrial & military applications up to 67 GHz built to your SCD or specifications with a variety of options including integrated amplification, attenuation, filtering, phase shifting, power detection, switching, modulation, coupling, limiting, digital control, hermetic sealing & military or space screening. Form, fit & functionality is our specialty!

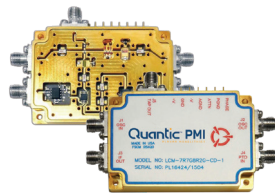
Quantic PMI offers more than 4000 commercial off-the-shelf models with test results, S-parameters, 3D models and detailed specs.

Featured Products



Form, Fit, Functional Products & Services

- > Obsolete & OEM Replacements
- Retrofits & Build-to-Print
- EOL Aftermarket Manufacturing



Integrated MIC/MMIC Assemblies (IMAs)

- > Hermetic Sealing
- Military or Space Screening
- Custom Packaging
- Build to Print or your SCD



Integrated Switch Matrices

- > 4 X 4; 8 X 8; 16 X 16; or 32 X 32
- Blocking & Non-Blocking TTL, Ethernet, RS232, RS422, RS485, Front Panel Control



Monopulse Comparators

- > Rugged Coaxial Design
- Low VSWR & Insertion Loss
- High Power Handling
- High Isolation Between Ports



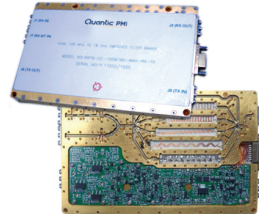
Logarithmic Video Amplifiers [DLVA, ERDLVA, SDLVA]

- > Excellent sensitivity & log linearity; high dynamic range, fast log video response time



Receiver Front Ends & Transceivers

- > Application Specific Designs
- Environmental Testing
- Military & Aerospace Screening



Switch Filter Banks

- > Multichannel Configurations
- Low Noise Figure
- Optimized Gain & OP1dB
- Low Profile Packaging



Test Bench & Lab Use Amplifiers

- > Broadband up to 40 GHz
- High Power Designs
- Low-Cost, Highly Reliable
- Standard & Custom Designs

