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**High-Power RF & Microwave Transistors - Pulsed and CW**

GaN – CW and pulsed transistors to 1000 Watts

Bipolar – Pulsed transistors to 1500 Watts

LDMOS – Pulsed transistors to 1000 Watts



[jfwindustries.com](http://jfwindustries.com)

**Coaxial Passive RF and Microwave Attenuation & Switching Products**

Attenuators (Fixed, Programmable, Rotary, Custom Assemblies)

Terminations (.5W to 1500W)

Switches (SP2T to SP32T, Matrix); Power Dividers (2-way to 64-way, High Isolation)

Custom Integrated Assemblies; Test Systems



Quartz Crystal Technology

[kvg-gmbh.de](http://kvg-gmbh.de)

**XO, OCXO, TCXO, VCXO, Crystal Filters, Crystals**

Ultra-Low Phase Noise, Low-G Sensitivity, High Stability (Stratum 3)



[markimicrowave.com](http://markimicrowave.com)

**Broadband RF/Microwave Components**

Active Components (Double/Triple Balanced Mixers, Multipliers, Amplifiers)

Passive Components (Baluns, Bias Tees, Couplers, Filters, Power Dividers)

Custom Designed GaAs MMICs (Mixers, Amplifiers, and Modulators)



[mpulsemw.com](http://mpulsemw.com)

**RF & Microwave Diodes and Transistors**

Schottky, PIN, Step Recovery, Varactor, and Sampling

Phase detectors; Small Signal Bipolar Transistors, MIS Caps



**YIG-Based Components**

Oscillators, Filters and Synthesizers from 2 to 50 GHz

*(continued on reverse)*

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Special Hermetics Products  
[shp-seals.com](http://shp-seals.com)

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**High-Reliability Hermetic Products and Services**

Feedthrus/Feedthru Capacitors, Headers, Connectors  
Custom Hermetic Housings



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**RF Power Amplifiers from DC to 6 GHz**

Modules, benchtop, rack-mount configurations supporting  
Electronic Warfare, Communications, Radar, Test & Measurement



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**Military and Space Components Systems and Subsystems**

**Frequency Source Products** - Oscillators, Exciters, Synthesizers, Integrated  
Microwave Assemblies (IMA)

**SMT, Coaxial, Waveguide Ferrite Products** - Circulators, Isolators, Switches,  
Iso-adapters, Filters, Combiners, Diplexers, Terminations, Couplers, Custom  
Products

**Time and Frequency Systems** for Satellite Communications