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**Mixed signal, RF and Microwave Semiconductors**

- mmW MMICs, RF Transceivers, Baseband Processors, Data Controllers, interface Devices for Critical Communications, Satellite and Network Infrastructure.



**RF/Microwave Filters to 15 GHz**

- LC, Cavity, Ceramic, Crystal, SAW, Monolithic Filters



**High-Voltage GaN Power RF Transistors to X-Bd**

- GaN – CW/pulsed transistors to over 5000 Watts
- RF Power Amplifier Pallets – Standard & Custom



**Coaxial RF Attenuation & Switching Products**

- Attenuators (Fixed, Programmable, Rotary, Custom)
- Terminations (0.5W to 1500W)
- Switches (SP2T to Matrix); Dividers (2-to 64-way)
- Custom Integrated Assemblies; Test Systems



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

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

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**RF ALLIANCE**  
TECHNICAL MARKETING

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### **RF & Microwave Diodes and Transistors**

- Schottky, PIN, Step Recovery, Varactor, Sampling
  - Phase detectors; Small Signal Bipolar Transistors
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### **RF/Microwave Cable Assemblies to 110 GHz**

- Phase/Amplitude-stable performance through Ka Bd
  - MegaForm® hand-formable jumper cables
  - RF-ORANGE® - The Industry Standard for Bench Testing
  - Semi-rigid cable assemblies
  - Test components (Dividers, Adaptors, Connectors, Tools)
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**MICRO LAMBDA  
WIRELESS, INC.**

### **YIG-Based Components**

- Oscillators, Filters and Synthesizers from 2 to 50 GHz
  - Bench-top Synthesizers and Tunable Filters for Test
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### **Broad Passive & Active Products**

- Custom RF solutions (IMA's) to 40 GHz
  - Attenuators, Terminations, Couplers, Hybrids, Waveguide
  - Converters, Switches, Oscillators, Synthesizers, Mixers, PIN
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