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**RF/MW Semiconductors to 20 GHz**



- GaN & GaAs MMIC PA'S
- GaAs Driver Amplifiers
- Discrete GaAs FETs / PHEMT's & GaN HEMTs
- MMIC Switches / Filters / Passive Products



**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)



**RF & Microwave Diodes and Transistors**

- Schottky, PIN, Step Recovery, Varactor, Sampling
- Phase detectors; Small Signal Bipolar Transistors

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**RF ALLIANCE**  
TECHNICAL MARKETING

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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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### **YIG-Based Components**

- Oscillators, Filters and Synthesizers from 2 to 50 GHz
  - Bench-top Synthesizers and Tunable Filters for Test
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### **Broadband 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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