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**High-Power Control Components • HF to 18 GHz**

- RF Switches and Limiters from 10 Watts to 65KW
- Multi-Function Control Assemblies



**RF/Microwave Filters to 15 GHz**

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

**Crystal Oscillators - XO, TCXO, VCXO**



**High-Voltage GaN Power RF & Microwave Transistors up to X-Bd**

- GaN – CW and pulsed transistors to over 5000 Watts in a single device
- Bipolar & LDMOS – Pulsed transistors to 1500 Watts
- RF Power Amplifier Pallets – For Next Generation Radar (Standard and Custom)



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

- Attenuators (Fixed, Programmable, Rotary, Custom Assemblies)
- Terminations (.5W to 1500W)
- Switches (SP2T to SP32T, Matrix); Dividers (2-way to 64-way, High Isolation)
- Custom Integrated Assemblies; Test Systems



Quartz Crystal Technology

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

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



**RF & Microwave Diodes and Transistors**

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

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**RF/Microwave Cable Assemblies through 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)



**YIG-Based Components**

- Oscillators, Filters and Synthesizers from 2 to 50 GHz
- Benchtop Synthesizers and Tunable Filters for Test



**Broad Passive & Active Products**

- Integrated Microwave Assemblies and Custom RF solutions to 40 GHz
- Attenuators, Terminations, Couplers, Hybrids, Waveguide Products
- Converters, Switches, Oscillators, Synthesizers, Mixers, PIN components



**Thin/Thick Film Resistive Components to 20 GHz (SMT / Chip / Flange)**

- Attenuators, Terminations, Couplers, Hybrid Combiners
- Temperature-compensated Attenuators
- High-Power Devices and Diamond Substrates