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RF/Microwave Components, SMT, MMICs & Custom MMIC Development

- LNA's (Cryogenic, Medium Power, Satcom), LNB's & Redundant LNA plates
- MMIC Filters, Waveguide Assemblies, Terminations & End-Launch Adapters



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); Power Dividers (2-way to 64-way, High Isolation)
- Custom Integrated Assemblies; Test Systems



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

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

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(continued from reverse)



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)
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YIG-Based Components

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