

## Contact details

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## Representatives for



**RF, Microwave and Optical Components**

- Attenuators, Couplers, Terminations
- Power Dividers, Splitters, Hybrids
- Switches - PIN & Electromechanical
- Adapters, Detectors, Oscillators
- 40Gb/s Optical Modulators & Drivers



**EMF Safety Solutions**

- RF Survey Systems
- ELF Survey Systems
- Frequency Selective Safety Analyser
- Personal Monitors
- Area Monitors
- Field Calculation Software



**Microwave Vacuum Devices**

- Microwave tubes, amplifiers & other devices
- TWT, Magnetrons, Klystrons
- Thyratrons, IOTs, Power Supplies
- Microwave Power Modules (MPM)
- Constant Efficiency Amplifiers (CEA)



**RF & Microwave Coaxial Components**

- Hi Rel / Space Qualified components & subsystems
- Filters, Duplexers, Multiplexers, Combiners
- Cellular transmit and receive filters
- Amplifiers, Isolators, Circulators



**Satellite Communications Products**

- Sat Com Up & Down Converters
- Complete Sat Com Terminals—Flyaway, Vehicles



**RF & Microwave Amplifiers**

- Solid State Power Amplifiers
- Jammers, Military, Communication, EMC, Instrumentation, Broadband
- Wireless, mobile / cellular - single and multi-carrier, ultra linear amplifiers



**RF, Microwave, mmWave Products**

- Amplifiers, LNAs, DLVAs, Multipliers
- Oscillators, YIG, Converters
- Synthesizers, Transceivers
- Switched Arrays, Custom MFAs



**Satellite Communication HPAs**

- C, X, Ku, DBS, Ka TWT Amplifiers
- Rack / Antenna Mount, Phase Combined / Redundant, Multi-band
- Linearised, Switch over, Controllers



**High Power Microwave Amplifiers**

- TWT, Magnetron, Klystron
- Radar, EMC, Pulsed, kW's, mmWave



**Microwave Control Products**

- PIN Switches, VVA's, DCA's, Limiters Phase Shifters, Switched Filters



**RF & Microwave Components**

- Power Dividers, Couplers, Hybrids
- Filters, Duplexers, Multiplexers



**MMIC & RFIC Components**

- Switches, Attenuators, Phase Shifters
- Dividers, VCO's, Modulators, Detectors
- Mixers, Multipliers-active & passive
- Power Amplifiers, Driver Amplifiers, LNAs
- Optical components
- Space Qualified & Military components
- Connectorised modules
- Velocium mmWave Products



**Frequency Control & Filter Products**

- Crystals, Clock Oscillators
- Oscillators - OCXO, TCXO, VCXO, VCXO
- Champion and Piezo Technology Products
- Crystal, Ceramic, LC and SAW



**RF & Microwave Semiconductors**

- Varactor Diodes, Schottky Diodes
- PIN Diodes, Limiter Diodes
- Noise Diodes, Step Recovery Diodes
- Passive attenuators, Capacitors, Inductors
- Attenuator, Limiter & Switch Modules
- Bipolar, LDMOS, VDMOS Transistors



**SAW Products**

- Filters - IF, RF <70MHz to >1000MHz
- Delay Lines, Resonators
- Handset, Narrow Band



**RF & Microwave Relay Switches**

- Surface Mount Relays to 5GHz
- Coaxial Switches to 26.5GHz and 75Ω



**Engineering Division**

**RF & Microwave Components, Subsystems and Assemblies**

- Design and manufacture
- Custom Systems and Assemblies
- Military, Satcom, Test Systems
- Waveguide and Coaxial Components
- Rotary Joints, OMTs, Filters
- Adapters, Terminations, Attenuators
- Couplers, Hybrids, Tees, TEM Cells
- Horn Antennas, Broadband Antenna
- Swivel Joints, Absorption Filters
- Engineering design & prototyping



**RF & Microwave Components**

- Power Dividers, Couplers, Hybrids
- Adaptors, Attenuators, Terminations



**RF & Microwave Systems**

- Defence Electronics
- Communication Interception Systems
- Radar Jamming, Simulation and Warning Receivers
- Wideband Microwave Receivers
- Wireless Transport Communication Systems



**Active Microwave Devices**

- Amplifiers, Oscillators, MMICs
- Synthesizers, Control Components
- Custom RF Design up to 77GHz

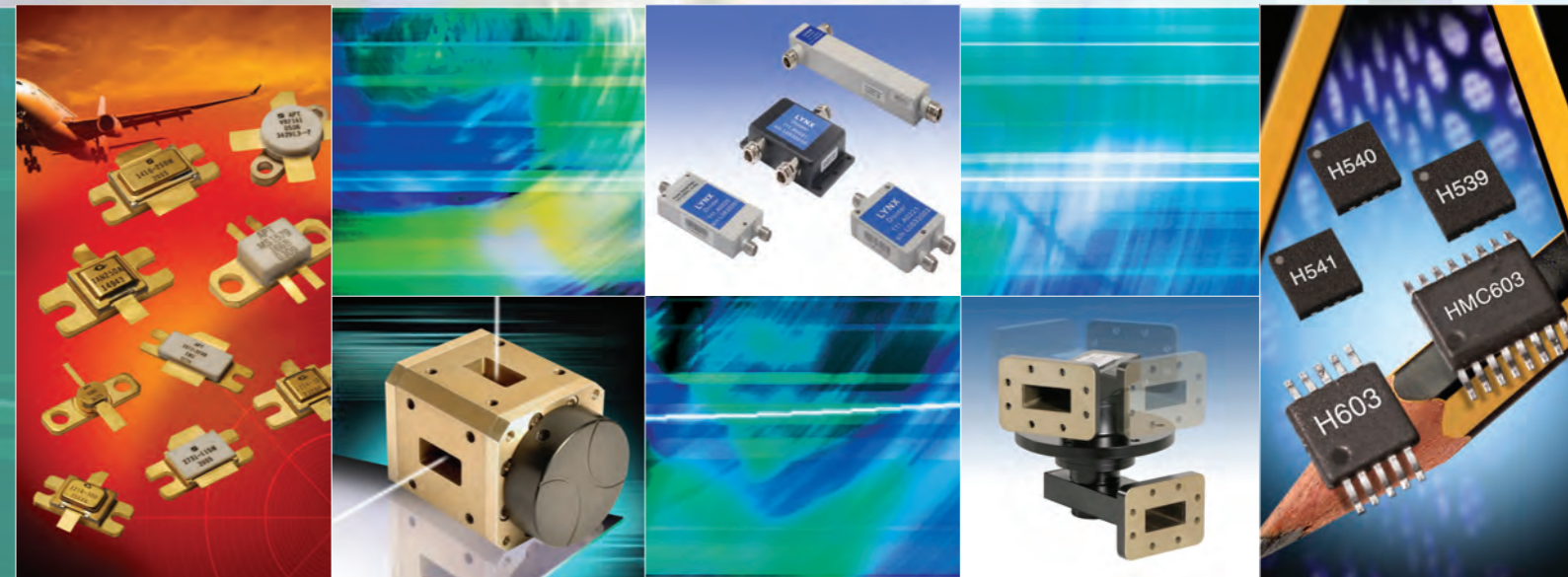


**RF Electro Magnetic Field Calculation Software**



**Antenna Systems**

- Broadcast, VSAT, Flyaway, SNG
- Prime Focus, Offset, Feed Arms



## Company Profile 08/09

## Manufacturer and Supplier of Microwave Products



