



AA-MCS is a European Leader in Design, Development and Manufacture of Active and Passive, RF & Microwave Components and Sub-Systems from DC to 50GHz.

- SSPAs up to 500W CW and 40GHz.
- Combiners and Dividers.
- Ultra Broadband Couplers.
- Filters.
- PIN Diode 'Hot Switches'.
- Non-ITAR Product & Available from Stock.



UK based Satellite Operator providing Ka Services in Europe, Africa and the Middle East.

- Excellent footprint coverage in the UK and Ireland.
- Fixed Satellite Broadband Hardware and Contended Bandwidth Tariffs.
- Focus on Quality and Flexibility.
- Highly Resilient Infrastructure and Support.
- Occasional Use and Dedicated Bandwidth.



Design and Supply Military and Commercial Grade Antenna Systems from 0.6 to 4.6m.

- Fly Away Antennas.
- Manual or Motorised Platforms with Controller.
- SNG Antennas.



Established 1930, a Leader in Design and Manufacture of Low Phase Noise Frequency Generation Products.

- Crystal Products.
- Integrated Assemblies.
- Low Cost & Precision Oscillators (XO, OCXO, TCXO, VCXO and TCVCXO).
- Military and Space Heritage.
- Low power and G Sensitive Products.



Design and Supply Rugged Antenna Systems with broad market appeal.

- Fixed Motorised Antennas.
- Fly Away Antennas.
- Manual or Motorised Platforms with Antenna Controller.
- SNG Antennas.



Cobham Antenna Systems, incorporating Continental Microwave and Kevlin.

- Continental Microwave:**
- Spiral and Flat Plate Antennas.
 - Sub-Systems.
 - Waveguide Components.

Applicable for Hi-Rel, Defence and Space Applications.

Kevlin:

- Rotary Joints.
- Rotating Systems.
- Slip Ring Assemblies to 40GHz.

Applicable for Defence, Air Traffic Control, Satcom, Space and Commercial Applications.

Sivers Labs:

- Rotating Joints.
- Hybrid Rotary Systems.

Applicable for Defence, Air Traffic Control, Satcom and Commercial Applications.



Copper Mountain Technologies (CMT) produce lab-grade Vector Network Analyzers that provide high accuracy, wide dynamic range, a familiar UI and a broad variety of standard features at an affordable cost.

- High Performance Vector Network Analysers (up to 110GHz).
- Compact VNAs up to 8.5GHz.
- Full Size Two and Four Port with Direct Receiver Access.
- Vector Reflectometers.
- Calibration & Accessories.



Communication Power Corporation (CPC) provides World Class, Pulsed and CW, High Power Amplifier Technology for Medical, Scientific, Industrial and Defence Applications including NMR, MRI, MRS, NQR and EPR.



Microwave Solutions, incorporating:

- Merrimac
- Signal Technology

Crane Aerospace and Electronics Microwave Solutions designs and manufactures Critical Systems and Microwave Components.

- Applicable for the Space, Defence and Aerospace and Commercial Markets.
- Integrated Modules to 60GHz
- Multi-Mix Multilayer Technology.
- RF and Microwave Components.
- Sub-Systems.
- Frequency Converters and Integrated Microwave Assemblies.
- Frequency Generators and Sources.
- High Power Isolators and Circulators.



Manufacture High Performance Microwave Laminate and Substrate Materials.

Specialises in electroplated PTFE to any shape, any size to suit any specification. It is has been successfully proven in many diverse applications ranging from microwave communications to magnetic resonance imaging.



Applicable for Commercial and Defence Applications ranging from 10kHz to 40GHz including ELINT, COMINT, RWR, DF and SATCOM.

- Receivers.
- RF & Microwave Frequency Sources.
- Sub-Systems.
- Synthesizers.



Applicable for High Performance Applications in Professional, Defence, Aerospace and Space Markets.

- Incorporating
- Eurofarad
 - Sic Safco
 - Firadec
 - Microspire
 - Dearbon Electronics
 - Temex Ceramics
 - Astema
 - Vertura

- Capacitors**
- Multi-layer Ceramic and Plastic Film Capacitors.
 - Aluminium Electrolytic Capacitors.
 - Capacitor Banks.
 - Modules.
 - Tantalum (Wet and Solid) Capacitors.

- Magnetics**
- High Precision Inductors.
 - Motor Stators.
 - Transformers.
 - Windings.

- Electromechanical**
- EMI/RFI, energy and HEMP Filters.
 - Optical Encoders.
 - Precision Potentiometers.
 - RVDTs.
 - Slip Rings.
 - Sub-Assemblies.



- Radar Transponders.
- Antennas and Switches.
- Test Equipment.

Providing complete Radar Tracking Solutions for:

- Manned Aircraft.
- Missile Systems.
- Surface Vessel Applications up to 10GHz.
- Towed Target.
- UAV.



Modules and Test Systems for Hi-Rel and Defence Applications.

- Phase Noise Test Systems.
- Single and Multichannel Phase Coherent RF Synthesizers up to 20GHz.
- Ultra Low Phase Noise.



inTEST Thermal Solutions, incorporating Temptronic, ThermoNics and Sigma Systems.

inTEST Thermal Solutions provides Thermal Products for:

- Environmental Test.
- Process Chillers.
- Semiconductor, IC and Module Test Applications.



ATS Series ThermoStreams providing Accurate, Controlled Temperatures at the Test Site from -95degC to +300degC.



Precision Temperature Forcing Systems (PTFS) have been replaced by the new ATS Series ThermoStream Systems.



Temperature Controllable Convection Chambers and Hot/Cold Plates.



Control Components, Modules and IMAs.

- Attenuators.
- Limiters.
- Power Amplifiers to 40GHz.
- Frequency Sources and Synthesizers.
- Switches.
- Integrated Microwave Assemblies.

Applicable for use in Hi-Rel and Defence Applications.



Microwave Devices supply mmW Components.

- Attenuators.
- Circulators & Isolators.
- High Power Loads.
- Millimetre Wave Horn Antennas.
- Parabolic and Cassegrain Antennas up to 110GHz.
- Rotary Joints from 0.64GHz to 110GHz.
- Switches.
- Waveguide Adaptors.



Millimetre and Sub-Millimetre Wave Products.

- Antenna and Quasioptical Products.
- Mixers and Detectors.
- Sources.
- Amplifiers.
- Multipliers and Control Components.
- Filters and Ferrite Products.
- Passive Waveguide Components.
- Converters and Test Modules.
- Space Heritage.



Modco, Inc. Designs and Manufactures High Quality Voltage Controlled Oscillators for Commercial, Industrial, Medical, and Military Applications.

- Frequencies from 10MHz to 12GHz.
- Surface Mount, TO8, Surface Mount.
- Custom and off the shelf solutions.

Applicable for Wireless Communications to 12GHz.



- MMICs.
- RF, Microwave and Millimetre Wave Diodes.
- Silicon Transistors.



Market Leader in Satcom Technologies for a Wide Range of Applications Across Market Sectors.

- Modems.
- Modulators.
- Demodulators.
- Fixed Satellite Broadband Hardware (Low cost Antenna System with Modem).
- Frequency Converters.
- IP Accelerators and Performance Enhancing Proxy.
- IP Hub Platforms including 'Dialog'.
- OEM Solutions.
- Redundancy Switches.



Microwave Isolators and Circulators for Defence, Wireless and Telecommunication Applications from 380MHz to 26GHz.



High Quality Products Range from DC to 27.5GHz.

- Baseband Routers and Components.
- RF Matrices.
- RF Routers.
- Multi Couplers.
- Standard and Custom Solutions available.



- Broadband Conical Inductors.
- Fixed and Tunable Inductors.
- High Quality, Microelectronic Coil Inductors.
- RF & Microwave Air Coil and Spiral Chip Inductors.

Applicable for Space, Aerospace, Defence and Commercial Applications.



- Res-Net designs and manufactures:
- Microwave attenuators.
 - Terminations.
 - Diode detectors.
 - Resistors.

The microwave attenuators and terminations range from the small flange type to large 2,000 watt power attenuators and/or terminations.

- ISO 9001: 2012 and NASA Specification NPC 200-3.
- In-house photo etch and laser trim capabilities.
- Large choice of substrate materials.



Southwest Microwave designs and manufactures a broad range of high-performance Microwave Connectors and Adapters with the lowest Insertion Loss and VSWR, from DC to 110 GHz.

- Panel mount Connectors.
- Edge Launch Connectors for PCB evaluation.
- Adapters.
- 'SuperMini' vertical or end launch board-to-board connectors.
- Cable and harness assemblies, including multi-pin connectors up to 110 GHz.

Suitable for hi-Rel / Space, Defence, Instrumentation, integrated-circuit and PCB evaluation applications.



Tennmax USA provide innovative and high performance Thermal Products and Solutions suitable for all industry sectors.

- Thermal Pads and Jellies with best in industry performance.
- Form In Place (FIP) - Computer controlled dispensing of Environmental and EMC gasket onto chassis Thermal analysis service and cost effective CNC Machining.
- Heat Pipes
- Metallisation of Plastics.



ThinkRF Design and Manufacture PC Driven High Performance Signal / Spectrum Analyser with a highly configurable Software Defined Radio receiver coupled with real-time digitisation and digital signal processing.

- Ideal for Spectrum Monitoring Applications.
- 8, 18 & 27GHz options.
- Up to 160MHz Real Time Bandwidth.
- Probability of Intercept (POI) as short as 1.02 µs.
- Spurious Free Dynamic Range (SFDR) up to 100 dBc.
- Optional Support for External Local Oscillator.
- Optional Pre Amp and Preselect Filtering.
- Compact housing with rack mount option.
- Available as OEM Module.



TTI Designs and Manufactures RF and Microwave Modules/Equipment from UHF/VHF Frequency Bands up to Ka Band.

- Block Up Converters in X, Ku and Ka Band.
- Ka Band LNAs.
- Ka Band Solid State Power Amplifier up to 200W.
- Phase Shifters, Oscillators and other RF Products.
- Satcom on the Move (SOTM) Antenna Systems.



- 0° Combiners/Dividers.
- 90° Hybrid Couplers.
- 180° Hybrid Combiners and Absorptive Filters from DC to 6GHz.
- High Power, Multi-Octave Directional Couplers.

Markets include Defence, Commercial, Industrial and Test & Measurement. Mismatch Tolerant® Designs Operate at Rated Power into Severe Mismatches. Power Capability from 5W CW to 100kW CW.



Wolfspeed's GaN RF Power devices provide the best-in-class in efficiency and performance, including the lowest Failure-in-Time (FIT) rate in the industry.

- Bare Die.
- Unmatched Transistors.
- Pre-matched Transistors.
- Fully matched Transistors.
- MMICs.
- Packaged MMICs.

Suitable for hi-Reliability applications including Defence, Industrial/Scientific, Commercial Comms and Satcom.