



- Pico Filters: Up to 47.0 GHz
- Nano Filters: Up to 8.0 GHz
- Cavity Filters: Up to 50.0 GHz
- LC Filters: Up to 8.0 GHz
- Ceramic Filters: Up to 8.0 GHz
- Multiplexers: Up to 50 GHz
- Switch Filter Banks: Up to 18 GHz
- Combiners
- Couplers
- LTE Filters & Duplexer
- High Power Filter Products: Up to 30Kw
- RF Front End Assemblies



- FreqUnique 3 in 1 hardware based Ethernet Test solutions – L2/3 Traffic Generator/ Analyzer, Inline Packet Capture and Analyzer, Ethernet / IP Network (WAN) emulator
- Supports copper and fiber ethernet speeds of 10M – 25G
- Ethernet / IP Network impairment emulation for real-world performance testing and negative functional testing. Perform interoperability, performance and functional testing on Ethernet devices
- Gain visibility/more effective trouble shooting with advanced Layer 1 and Layer 2+ capture tools



- Glass to metal seals including single pin feedthroughs, TO style headers, relays, and machined kovar housings with directly fired in pins
- Plating services in house through our wholly owned subsidiary Fin-Tec
- Defense, Aerospace, Commercial, RF Microwave Industries



- Software controlled Switch Matrix
- Fastest switch on the market – 3 nsec
- Switch Matrixes up to 40 GHz
- High Power Pin Diode switches
- Integrated Assemblies
- Switch/Filter Matrices
- Power Dividers
- Custom designs available



- Satellite Test Equipment
- Noise/Frequency Generators
- Loop Test Translators
- Battery Powered and Outdoor Options
- Synthesizers
- Electromechanical Switches
- Passive Components
- Attenuators, Couplers, Power Dividers
- Amplifiers
- Sub-Assemblies



- Frequency range up to 90 GHz
- Solderless flexible semi-rigid replacement cable
- Solderless Field terminated cable assembly
- Lightning Protectors and Limiters
- Jamming Antennas
- Tunable Phase Shifters
- Low Noise RF over Fiber converters up to 40 GHz
- GPS over fiber, power over fiber 1-3 watts
- LAN over Fiber 1/6/12 Channels, 1 Gbps
- Fiber Optic Cable Assemblies, SM/MM
- TFOCA + Expanded beam connectors
- Optical Delay Lines



- Ultra-low insertion loss- lower than comparable solid-state solutions
- High-Linearity: >+85 dBm IP3
- Broadband: From DC to > 30 GHz+
- High-Power Handling: >100 W (CW)
- Hot-switch Capable
- High voltage switches
- RF tuning products
- High power RF switches
- AC/DC smart power relays
- Low-Power: pA of drive current



- Military Defense and Aerospace Heritage
- Flexible and Rigid Waveguide
- Frequency Range up to 110 GHz
- Couplers, Rotary Joints, Terminations
- Standard Gain Horns
- Waveguide to Coax Adapters
- Waveguide Flange Extrusions
- Arc Detectors
- High Power Pressure Window
- Magic Tees, Torsional Joints



- Probe Station For Life Modular Upgrade Program
- Manual, Semi-Automatic and Automatic solutions
- MEMS, NEMS and MOEMS
- RF/MW/mmW
- High Power Solutions
- Optoelectronics
- Failure Analysis/Device Characterization



- Amplified Radio Systems – increase distance/bandwidth of OEM radios
- Cube Sat Amplifiers with decades of space heritage
- SWaP Custom Amplifiers with Wide bandwidth
- Bi-Directional Amplifiers
- Rack Mount and Benchtop Amplifiers
- EW, ISR Data links, Multi-Function Amplifiers



- Passive RF/Microwave Components – DC to 40 GHz
- Power Dividers
- Directional Couplers
- 90-180 Degree Hybrids
- Beam Forming Networks
- Experts in Merging Ferrite, Stripline, Microstrip, Coaxial
- Airstrip™ Technologies to Create Innovative Designs
- Broadband highly integrated packages for severe environments
- High Power Passive RF/Microwave Components
- Directional Couplers to 20 kW
- Dividers/Combiners to 19 kW
- Custom Integrated Active Subsystems
- Exceptional Customer Support



- Design/Redesign, engineering & reverse engineering services
- Obsolescence mitigation redesign services
- Manufacturing, repair, upgrades and testing of electronics subassemblies for both military and commercial customers
- Specialties include RF/Microwave, Electronic Manufacturing, Power Supplies & Defense Electronics
- Build to Print and System Integration services