



YOUR SOURCE FOR  
RF MICROWAVE WIRELESS &  
ELECTRONIC PRODUCTS

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**Precision Marketing – Dixie Line List**



**RFS - Radio Frequency Systems AL, FL, GA, KY, MS, NC, SC, TN, VA, WV**

RFS is a global designer and manufacturer of cable and antenna systems, plus active and passive RF conditioning modules, providing total-package solutions for wireless infrastructure. RFS serves OEMs, distributors, system integrators, operators and installers in the broadcast, wireless communications, land-mobile and microwave market sectors. RFS provides RF Systems solutions for cell-based mobile communications, in-building, in-tunnels, television & radio, radio-link networks, LMR/PMR and HF & defense. Antenna products include directional panels, dipole, Yagi, Panel and Parabolic Microwave Antennas from 25 MHz to 40 GHz. RFS is also the world leader in RET (Remote Electrical Tilt) antenna applications. Transmission line products include, Elliptical Waveguide, CELLFLEX Corrugated Low Loss Foam cable, Air Dielectric Cable, Connectors, Jumper Cables & related installation accessories. RF Conditioning Products include, TMA's (Tower Mounted Amplifiers), duplexers, Bi-Directional Amplifiers, Receiver Multicouplers, and a host of related equipment and installation accessories to provide a complete telecommunication solution. **The Complete Infrastructure Product Offering** serves UMTS, UHF/VHF, PCS/Cellular, SMR, & Microwave Applications. RFS products are manufactured under stringent quality control standards per **MIL-I-45208**. RFS is an ISO 9001 approved supplier.



**Hittite Microwave Corporation - AL, FL, GA, MS, NC, SC & TN**

Hittite Microwave Corporation is an innovative designer and manufacturer of analog and mixed-signal ICs, modules and subsystems for RF, microwave and millimeter wave applications covering DC to 110 GHz. Over 750 standard products and many custom devices across 20 product lines. RFIC/MMIC products are developed using state-of-the-art GaAs, GaN, InGaP/GaAs, InP, SOI, SiGe, CMOS and BiCMOS semiconductor processes utilizing MESFET, HEMT, pHEMT, mHEMT, HBT and PIN devices. Hittite's custom and standard products support a wide range of wireless / wired communications and radar applications for Automotive, Broadband, Cellular/3G, Fiber Optics, Microwave & Millimeter wave Communications, Military, Test & Measurement, and Space markets. Product lines include amplifiers, attenuators, data convertors, frequency dividers and multipliers, high speed digital logic, interface, limiting amps, mixers, modulators/demodulators, oscillators, passives, phase shifters, power detectors, sensors, signal generators, switches, synthesizers, transimpedance amps and VGA's.



**Herley Industries - AL, FL, GA, MS, NC, SC & TN**

Incorporated in 1965 with corporate office located in Lancaster, Pennsylvania, Herley Industries is a leading supplier of RF and Microwave Electronic Components and Integrated Systems to the global defense industry. Radar, EW, communications, flight test, and range instrumentation, target control avionics, and EW test and measurement applications. Herley Industries has approximately 1,100 employees and seven manufacturing facilities.

**Herley General Microwave** Specializes in the design and manufacture of Microwave Components and Integrated Assemblies. A worldwide supplier of Broadband Oscillators, such as DTO and Synthesizers, used on RWR and EGINT.

**Herley New England** Specializes in the design of manufacture of Integrated Microwave Assemblies, Waveguide Products, and Hybrid Microcircuits.

**Herley CTL, Whippany, NJ** Specializes in the design and manufacture of Microwave and Millimeter Wave Components such as Synthesizers, Oscillators, and Integrated Microwave Assemblies.



**Vectron - AL, GA, MS, NC, SC, TN**

Vectron is the preferred technology partner for Frequency Control, Sensor, and Hybrid Product Solutions. latest techniques in both bulk acoustic wave (BAW) and surface acoustic wave (SAW) based designs from DC to microwave frequencies. Products include crystals and crystal oscillators; frequency translators; clock and data recovery products; SAW filters and components used in telecommunications, data communications, frequency synthesizers, timing, navigation, military, aerospace and instrumentation systems. Specific products offered are Precision Quartz Crystals, XO's/PXO's, TCXO's, OCXO's/EMXO's, SAWS, VCXO's, VCSO's, FCXO's, MCF's and modules. Some of the key technologies offered include: ASIC Design, Surface Mount Technology, Ceramic Packaging, Hybrid Manufacturing to class "S", High Frequency Fundamental (HFF) Crystal design and Space Component Capability. From discrete crystal technology highlighted by the advanced manufacture of High Frequency Fundamental and SC cut crystals...to class 100 and class 10,000 clean room facilities in the manufacture of leading edge ceramic packaged VCXO's, timing recovery and clock recovery units and SAW based filters... to state of the art testing capabilities including a dedicated facility for space component manufacture. Aside from these great innovative capabilities, Vectron strives to be extremely flexible and focused on service, responding quickly and professionally to earn the distinct position as the customers' supplier of choice.



**Antenna Research Associates, Inc (ARA) - AL, FL, GA, MS, NC, SC & TN**

ARA has been a leading supplier of Antennas for the Military and Commercial Markets since 1963. A wide assortment of antennas for SIGINT, ELINT, Terrestrial communication, Satellite links and EMC applications are available. ARA has designed a special class of Tactical Military antennas for a wide array of frequency applications including Communication, Jamming and Surveillance. Our Extremely Broadband models are widely used by most of the Military groups and Tier 1 Corporations. A wide array of antenna Feeds exist in our standard catalog covering from below L Band to above Ka band. ARA also offers the option of providing antennas designed specific to your individual needs. Positioners, Tripods, Masts, Fiber Optic Links and other accessories are also available to complete an antenna installation. Far Field testing services, including a one mile range, are available. The ARA facilities are ISO9001 certified. Four Locations in Beltsville, MD and Pembroke, MA are available to provide you with outstanding performance and service.



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**Teledyne Microelectronics Technologies - AL, FL, GA, MS, NC, SC & TN**

Teledyne Microelectronics in Los Angeles, California is a full service microelectronics contract manufacturer offering innovative approaches in packaging and testing of microcircuits, multichip modules and multichip assemblies for military, aerospace, optoelectronics, test/measurement and medical markets. In our DOD cleared facility, we specialize in high density micro miniature devices utilizing the latest advanced packaging techniques. Areas of expertise include RF/microwave, optoelectronics, military secure communications and analog/digital. We are certified to ISO9001:2000, MIL-PRF-38534 Class "H" and "K" and received accreditation by the DOD/DMEA as a Microelectronics Trusted Source for Packaging, Assembly and Test. We are committed to bringing reliability, precision, performance and innovation to every packaging project.



**Emerson Network Power - Connectivity Solutions - Johnson & Midwest AL, FL, GA, MS, NC, SC, TN**

Emerson Connectivity offers interconnect and component solutions across many markets including Telecom, Military/Aerospace, , CATV/Broadband, Test/Measurement, Broadcast, Industrial, Security and Medical.

**Emerson Johnson** - RF Connectors & Cable Assemblies in 50 & 75 ohm versions. Our RF connectors & cable assemblies are designed to offer the highest quality data transmission for audio, video & data applications, and are available in BNC, 'N', 'F', RCA, UHF, Mini-UHF, TNC, SMA, SMB, SMC, SMK, BMA, MCX, MMCX, G, UMC, SMP & custom solutions.

**Emerson Midwest Microwave** - Connectorized components including, Attenuators, Step Attenuators, Couplers, Hybrid Couplers, D.C. Blocks, Terminations, Gain Equalizers, Phase Shifters, Adapters , Cable Assemblies and Connectors.

**Emerson Aim-Cambridge** Broad-line interconnects for Data, Voice, RF Coax, Computer, Audio, Video, & Satellite.

**Emerson Semflex** Designs and manufactures flexible RF/Microwave frequency coaxial cable & custom cable assemblies for the military/aerospace, commercial OEM & test-instrumentation markets worldwide. Semflex also manufactures custom RF connectors, adapters, phase trimmers & other components to meet special application requirements.



**Teledyne Relays – AL, FL, GA, MS, NC, SC, TN**

Teledyne Relays is the world's innovative leader in manufacturing ultra miniature hermetically sealed switching products, with more than 40 years heritage in military programs. Our comprehensive product line meets wide-ranging requirements for the defense and aerospace markets, also offering high-performance solutions for industrial, professional, commercial and medical switching applications. Products include: QPL & COTS Electromechanical Relays, QPL & COTS Solid-State Relays, Space (Hi-Rel) Electromechanical Relays, RF & Microwave Relays & Coaxial Switches, Industrial Solid-State Relays, & Switching Matrices. Markets include: Commercial & Military Aviation, Defense & Aerospace, Telecom/Communications (Wireless), Instrumentation & Test, Industrial Power & Motion Control & Medical Applications. Under an aggressive Total Quality Management (TQM) program, Teledyne Relays has embraced a "continuous improvement" culture. With recognized certifications such as ISO 9001/9002, DSCC MIL-STD-790 and Boeing D1-9000, Teledyne Relays has become a primary supplier of switching solutions with the highest quality and reliability to industry leaders around the world.



**HCC Industries (AMETEK) - AL, FL, GA, MS, NC, SC & TN**

HCC Industries, specializing in Hermetics, is dedicated to the manufacture of glass-to-metal seals, ceramic-to-metal seals, packages, hull penetrators, cable assemblies and auxiliary support components, as well as total solution service provider to users of these products. HCC has been an industry leader since 1945, providing over 60 years of innovation of Hi-reliability and Hermetic devices. Today, HCC is a leading vertically integrated manufacturer offering complete design and manufacturing service to virtually all demanding markets that require high reliability devices, including: Industrial, Military/Aerospace, Naval & Marine, Petrochemical, Communications and Medical. HCC is comprised of six business units including Aegis, Inc. in New Bedford, MA, AMETEK SCP, Inc. in Westerly, RI, Glasseal Products, Inc. in Lakewood, NJ, Hermetic Seal Corporation and General Ceramics - both near Los Angeles, CA and Sealtron, Inc. in Cincinnati, OH. Additionally, HCC has approximately 80,000 sq ft of dedicated component manufacturing space within their facility in Los Angeles.



**Woven Electronics – AL, FL, GA, MS, NC, SC & TN**

Woven Electronics offers an extraordinary range of interconnect products including; woven and conventional cable harnesses, backshells and connectors, as well as a perimeter security system called; LightLOC. Founded in 1963, Woven Electronics combines an innovative and knowledgeable engineering team with a versatile and reliable manufacturing group. The result is a resource for military, aerospace, and commercial customers to engage for cable harness, backshell and connector design expertise and product manufacturing. Market heritage includes munitions, aircraft, launching systems, radar, UAV's, Marine and medical. Woven Electronics has 250 employees and is located in Simpsonville, SC.