



Southern Jersey / Eastern PA Edition

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Diode-Based Control Components

Detectors, limiters, switches and phase shifters
Low and wide dynamic range amplifiers; millimeterwave subsystems



RF & Microwave Thin Film Amplifiers

Open carrier modules, high intercept, monopulse tracking, receive multicouplers;
Subsystems / Front ends



High-Frequency Multi-Function Assemblies

Custom microwave power amplifier & related subassemblies
Thin Film products and solutions (custom design, metalized panels, fine geometries);
Class S, K certified



High-Power RF & Microwave Transistors

Pulsed and CW up to 1500 W per device



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



RF & Microwave Filters for Military, Wireless, & Commercial Markets

Cavity, Discrete, Waveguide, Tunable, Ceramic, Tubular, Wireless Products
Switched Filter Banks, Filter-based Integrated Microwave Assemblies

(continued on reverse)

(continued from reverse)



RF ALLIANCE
TECHNICAL MARKETING

(continued from reverse)



RF & Microwave Diodes: Schottky, PIN, Step Recovery, Varactor, and sampling phase detectors; Small signal bipolar transistors, MIS Caps



Passive Components for Wireless Infrastructure

Passive components (splitters, couplers, Bias Tees, DC Blocks) for Military and wireless infrastructure and DAS (Distributed Antenna Systems)



YIG-Based Components

Oscillators, filters and synthesizers from 2-40 GHz



Logarithmic Amplifiers and Ultra-Low Phase Noise Oscillators

Logarithmic Amplifiers, Digital Phase Detectors, Discriminators, Source-based RF systems & subsystems, Ultra Low Phase Noise Crystal Oscillators, Phase Locked Dielectric Resonator Oscillators



• SRI Connector Gage

High-Precision RF & Microwave connectors and adapters to 85 GHz (Coax, Rack & Panel, Fiber Optic)

Custom engineering solutions

• SRI Hermetics

Custom hermetic connectors - D Type (Sub, Micro, Nano)

Custom weldable hermetic packaging solutions (Al, Ti, AlSi, Steel, custom alloys)



Ferrite Components – Isolators/Circulators

Ferrite based components from 400 MHz to 40 GHz; SMT, Waveguide, MICPuck™.

Input power levels from <10mW to 1 KW Peak

Low Insertion Loss, Low Passive Intermodulation

Commercial and military designs