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advanced-control.com

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



Hill Engineering Division:

High-Power solid state switches and limiters; 80-100 Watts CW, 5KW pulsed



Electronic Systems Group

defense.itt.com/mkt_SS_08.htm

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



Microwave Frequency Test Fixture solutions and Calibration Standards

Universal Substrate, Mainframe, Hi-Power, FET, Bipolar, MMIC, SOT, SOD, SAW, BGA packages, leaded SMT, SMT capacitor and inductor testing, TDR probes

Custom Designs



jfwindustries.com

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



lorch.com

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)



(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



Custom Military and Industrial Power Supplies

Defense, Aerospace, Transport and Telecom applications
Multiple Outputs, Nuclear Hardened, Tempest Proof



• 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)
