



Professional Engineering Representatives Bringing  
Technology Solutions to our Customers

## RF / mmWave Solutions



[www.atekmidas.com](http://www.atekmidas.com)



RF POWER AMPLIFIERS

[www.GwayRF.com/](http://www.GwayRF.com/)



[www.herotek.com](http://www.herotek.com)



[www.jfwindustries.com](http://www.jfwindustries.com)



Quartz Crystal Technology GmbH

[www.kvg-gmbh.de/en](http://www.kvg-gmbh.de/en)



a Benchmark® company

[www.larkengineering.com](http://www.larkengineering.com)

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## MICRO-COAX® AN AMPHENOL COMPANY

[www.micro-coax.com](http://www.micro-coax.com)

- ◆ High Frequency Low Loss UtiFlex Cable with Superior Stability Performance –Space Grade options with Heritage
- ◆ Ultra-flexible stable RF cables –withstand up to 20 Million Cycles
- ◆ Aracon Lightweight Braid Material with Superior strength and Shielding Performance
- ◆ High Performance RF Test Cables to 110 GHz



[www.microtech-inc.com](http://www.microtech-inc.com)

- ◆ Waveguide Assemblies—Flexible and Rigid for Military and Aerospace as well as commercial applications
- ◆ Couplers, Rotary Joints, Terminations, and Components

## REMTEC®

[www.remtec.com](http://www.remtec.com)

- ◆ Advanced metallized ceramic circuits, substrates, components & packaging
- ◆  $\text{Al}_2\text{O}_3$ , AlN, BeO,  $\text{Si}_3\text{N}_4$ , & other materials using Active Metal Braze, Direct Bond Copper, Thick Film
- ◆ Ideal for thermal challenges of HPSP, optoelectronics, semiconductor manufacturing systems, others
- ◆ Design-built, build-to-print, USA-based

## RS MICROWAVE COMPANY, INC.

[www.rsmicro.com](http://www.rsmicro.com)

- ◆ High quality RF and MW filters—1 MHz to 50 GHz Military and Commercial Comms, Radar, ECM, and Cellular
- ◆ Filters with wide passbands and stopbands (1-4 GHz passband, stopband to 20 GHz, 1KW operation)
- ◆ Unique products: In-line bandpass filters with finite transmission zeroes, reduced size & wide band high power filters

## THUNDERLINE®

[www.thunderlinez.com](http://www.thunderlinez.com)

- ◆ Leading Manufacturer of Standard and Custom RF and DC Feedthrus
- ◆ Solder Sealed Hermetic Aluminum Packages
- ◆ Direct Fired Kovar and Microwave Hermetic Packages
- ◆ Laser Sealing Services, Lidding and Component Installation

## TIMES MICROWAVE SYSTEMS

[www.timesmicrowave.com](http://www.timesmicrowave.com)

- ◆ PhaseTrack Flexible and Semi-Rigid Cable—Phase critical -TF4 dielectric
- ◆ SiO<sub>2</sub> Assemblies for Phase stability and extreme temperature environments
- ◆ Miltech assemblies – rugged, low-loss 40 GHz, vapor-sealed, braided Nomex outer jacket with high density interconnect options
- ◆ TLx Series Push-on and Blind Mate High Power Interconnect Series
- ◆ Radiation Resistant, Light-weight low out-gassing assemblies to 40 GHz for Spaceflight and Ground test



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## Optical Solutions



[www.cotsworks.com](http://www.cotsworks.com)

- ◆ Optical transceivers at 1-28 Gbps
- ◆ Interconnect platform of rugged termini and MIL connectors for custom cable builds
- ◆ Avionics-focused optical & networking test equipment
- ◆ High performance rugged custom optical subassemblies & packaging



A Photonics Foundries Enterprise  
[www.ortel.com](http://www.ortel.com)

- ◆ Microwave Transmitters, Receivers, Lasers and Photodiodes
- ◆ Fiber Optic Delay Lines and RF Fiber Optic Links
- ◆ Micro Erbium Doped Fiber Amplifiers (EDFA)

## Electromechanical Solutions



[www.cicoil.com](http://www.cicoil.com)

- ◆ Leader in Flat Cable Technology, custom manufacturer of extruded FlexxSil™ cables for ultra-high flex & extreme environments & temp.
- ◆ Flexible flat cables and flat cable assemblies for high performance motion, aerospace, military, medical and semiconductor manufacturing applications.
- ◆ Capable of millions of flex cycles.



[www.pixustechologies.com](http://www.pixustechologies.com)

- ◆ Rackmount & Rugged Systems
- ◆ OpenVPX, 3U-6U chassis, boards, backplanes and accessories
- ◆ High-speed architecture backplane and board profiles per VITA 65 (VITA 65.0 & 65.1) Extension to VITA 46 to ensure compatibility

## Test and Measurement Solutions



[www.corelis.com](http://www.corelis.com)

- ◆ Software tools using 1149.1 (JTAG) for PCB functional testing, debugging, and in-system programming of Flash memory, CPLDs, and FPGAs
- ◆ Device Anti-counterfeiting software
- ◆ Serial bus analyzer and exerciser products (SPI, I2C, etc)



[www.formfactor.com](http://www.formfactor.com)

- ◆ 150, 200 and 300mm Manual, Semi-Auto, and Full-Auto
- ◆ DC and RF (up to THz) Probing
- ◆ Vacuum and Cryo Probe Stations
- ◆ Power Systems, up to 10kV



[www.in-phasetech.com](http://www.in-phasetech.com)

- ◆ Extension of your Test Engineering
- ◆ ATE System Design and Development—Expertise in RF, Microwave and Fiber Optic Technologies
- ◆ ITA's and Test Fixtures
- ◆ Build to Print Services—Test Software—LabVIEW and TestStand

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