

MICRO SALES

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Central and Northern Ohio,
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Manufacturers – OEM Components

Ampleon - <http://www.ampleon.com>

Since 2015, Ampleon is shaped by 50 years of RF power leadership. Ampleon's innovative, yet consistent portfolio of LDMOS and GaN products and solutions support a wide range of applications, such as cellular base stations, radio/TV/broadcasting, radar, air traffic control, cooking, lighting, industrial lasers and medical.

BSC Filters - <http://www.bsccfilters.com/>

BSC is a world-leader in the design and manufacture of RF and Microwave subsystems, filters, diplexers and waveguide and coaxial components, from prototype for research, up to high volumes. Working up to 94GHz, in all aspects of subsystems, filters and diplexers, specializing in Waveguide, Interdigital, Combine, Cavity, Lumped Element, Microstrip and Thin Film devices. Other components include Preselectors, Modules, Switched Filter Banks, Adaptive and Tunable Filtering, Transitions, Waveguide Assemblies, Couplers and Equalizers.



Dow-Key Microwave Corporation - <http://www.dowkey.com/>

The world's largest manufacturer of electromechanical RF Switches and RF and Fiber Optic Switching Systems, is part of the Ceramic & Microwave Products (CMP), which is a subsidiary of Dover Corporation.

As a leader in RF technology, Dow-Key offers high performance waveguide switches, coaxial switches, T-switches, Hi-rel switches, and switching systems such as integrated PXI modules, RF matrices (electromechanical, solid state and fiber optics), in addition to, custom switching designs and reliable solutions, as it is required in today's fast paced communication industry.



K&L Microwave - <http://www.klmicrowave.com/>

K&L Microwave is a subsidiary of Dover Corporation, a \$7 billion Fortune 400 company traded on the NYSE, recognized by top-tier defense contractors and wireless infrastructure providers as a world leader in the design and manufacture of RF and microwave filters, diplexers and integrated assemblies.



Gowanda, an iNRCORE Brand - <http://www.gowanda.com/>

For nearly 60 years, Gowanda Electronics has been a leader in the design and manufacture of high-performance electronic components for demanding RF and power applications in Aerospace, Defense, Medical, Space and Industry. Gowanda's engineered components include standard off-the-shelf and custom-designed inductors, chips, chokes, coils, conicals, toroids, transformers, solenoids and magnetic devices in surface mount and axial-leaded (thru-hole) configurations. Non-magnetic inductors are available when magnetic materials would compromise system performance as in medical imaging (MRI) equipment. Capabilities include a well-equipped design center, complete in-house environmental testing lab, several cleanrooms, multiple facilities and quality standards (ISO 13485, AS9100, ISO 9001). Gowanda is ITAR registered.



iNRCORE - <https://inrcore.com/>

iNRCORE designs and manufactures magnetic components that transmit high-speed, mission-critical signal and power in the harshest operating conditions. Signal solutions include transformers, transceivers, baluns, delay lines and custom signal magnetics. Power solutions include transformers, chokes, inductors and custom designs in board mount and chassis mount options. QPL-status transformers and delay lines combined with hi-rel manufacturing to MIL-STD-981 add versatility. The company's expert engineering, award-winning quality and exceptional service exceed customers' demanding expectations. Whether we are working to assemble a component to meet your custom design or screening your products to qualify for a critical mission, iNRCORE's solutions are Rugged to the Core.



Vanguard Electronics an iNRCORE Brand - <https://www.ve1.com/>

- Manufacturing inductors and transformers for over 60 years in the areas of RF/microwave and power applications
- Ultra Reliable components for space, avionics, high temperature and industrial environments
- Current ratings from milliamps to 100+ amps and power ratings from milliwatts to 3 KVA+
- Sizes from 0603 to larger than 3 cubic feet
- All testing, screening and development is performed on site; other special services are available to meet specific requirements



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Military - Aerospace - Space - Down Hole Oil & Gas - Medical – Industrial

Isodyne, Inc. - <http://www.isodyneinc.com/>

Isodyne develops and manufactures a Tool-Less Braid Termination System for EMI Backshells specifically designed for wire harnesses requiring shielding for EMI/RFI or HERF and lightning protection. Both individual shields and overbraid are terminated at the backshell with one band, improving electrical performance and also allowing for ease of re-entry. The band can be removed and replaced allowing for easy repair/upgrade of the system without the need for calibrated tools.



IW Microwave - <http://www.iw-microwave.com/>

Insulated Wire, Inc. & IW Microwave Products Division manufactures 50Ω & 75Ω low loss phase stable coaxial cable & assemblies. Our proprietary lamination technique using EPTFE/PTFE dielectric provides industry leading attenuation & phase performance over a wide temperature range; with diameters from .047" to .480", IW cables can be used for small signal through to high power. A wide range of jacketing, armor & interconnect options are available, ensuring reliability in military and commercial applications from underwater to space.



M2 Global - <https://www.m2global.com/>

M2 Global, an SBA, SDVOB, is a premier worldwide designer and supplier of RF Microwave Products and Precision Contract Manufacturing Services. An AS9100 company, serving the defense, aerospace and telecom industries for over 30 years. We have vertically integrated manufacturing processes and well equipped to reply quickly to prototype, quick turn and full rate production. Products include: Coaxial, Waveguide, Drop-In and SMT Circulators and Isolators, Coax and Waveguide Iso-Adapters, Waveguide to Coax Adapters, Waveguide Terminations, Pressure Windows, Waveguide Sections and Assemblies (Straights, Bends, Twists, Flex, Rigid, etc.) as well as Custom Field Installation Kits (Hangers, Hardware, Gaskets, etc.).



Passive Plus - <http://www.passiveplus.com>

Passive Plus, Inc. (PPI) manufactures High-Q (>10,000) / Low ESR Capacitors for the Military, Medical, Semiconductor, Broadcast, and Telecommunications Industries. Case sizes available are 0505, 1111, 2225, 3838; EIA 0201, 0402, 0603, 0805; Hi Power 6040, 7676; Broadband Capacitors 01005, 0201, 0402 (modeling data available). PPI offers Fast Deliveries, Competitive Prices, Outstanding Quality and Customer Service. Passive Plus also offers Thin Film Products, Trimmer Caps and Resistive Products.



Preferred Power Products - <https://www.p3-rf.com>

Preferred Power Products is a Worldwide Supplier of High Power Couplers, Dividers/Combiners, Resistors, Terminations, Attenuators and Specialized Higher Level Components. They also offer Non-Magnetic Standard and Custom solutions, typically with no NRE charges.



Vanguard Products - <http://www.vanguardproducts.com/>

Focused on EMI Shielding Gasket Materials and engineered high performance elastomers. Specializes in extrusions, coextrusions, moldings, cut parts and custom assemblies for all markets.



Unipower - <http://www.unipowerco.com/>

UNIPOWER provides power for mission critical applications, with a complete line of the high-efficiency rectifiers, battery chargers, inverters and complete AC/DC power systems. UNIPOWER is headquartered in Coral Springs, Florida with global sales/service coverage and active installations in over 60 countries.



C&D Technologies/Trojan - <http://www.cdtrojan.com/>

C&D Technologies produces and markets systems for Power Conversion and Storage of electrical power. C&D specializes in both Flooded and VRLA reserve power systems for Telecom, Data Transmission, and Infrastructure computer systems and Utility markets

