



RF & Microwave Filter Products



A pearl is nature's gift. Knowledge and experience are ours.



For more than four decades,
Lorch Microwave has been supplying
RF and Microwave components
and systems to leading military,
industrial, and commercial manu-

facturers worldwide. Lorch Microwave is committed to providing our customers with technically advanced, high quality products. Every Lorch product is subject to the same rigorous design, manufacturing, testing, and inspection procedures conducted at our modern 50,000 square foot facility in Salisbury, Maryland. The company is MIL qualified and conforms to the principals set forth in ISO-9001:2000. In addition, the Lorch Microwave environmental, health and safety management system is certified to the requirements of ISO-14001. Regardless of application, the processes and procedures followed at Lorch help ensure that all products are fully compliant to all specifications.

Lorch's research and development division is constantly evaluating new materials, plating techniques, and manufacturing processes in order to provide the highest performing components available.

At Lorch Microwave, we believe that our trademark on each and every product is our commitment to you of quality, service, and satisfaction. We understand that our product includes not just the component or system purchase, but rather, the entire purchasing experience. You have our promise that Lorch will continue our tradition of unparalleled service to the microwave industry.

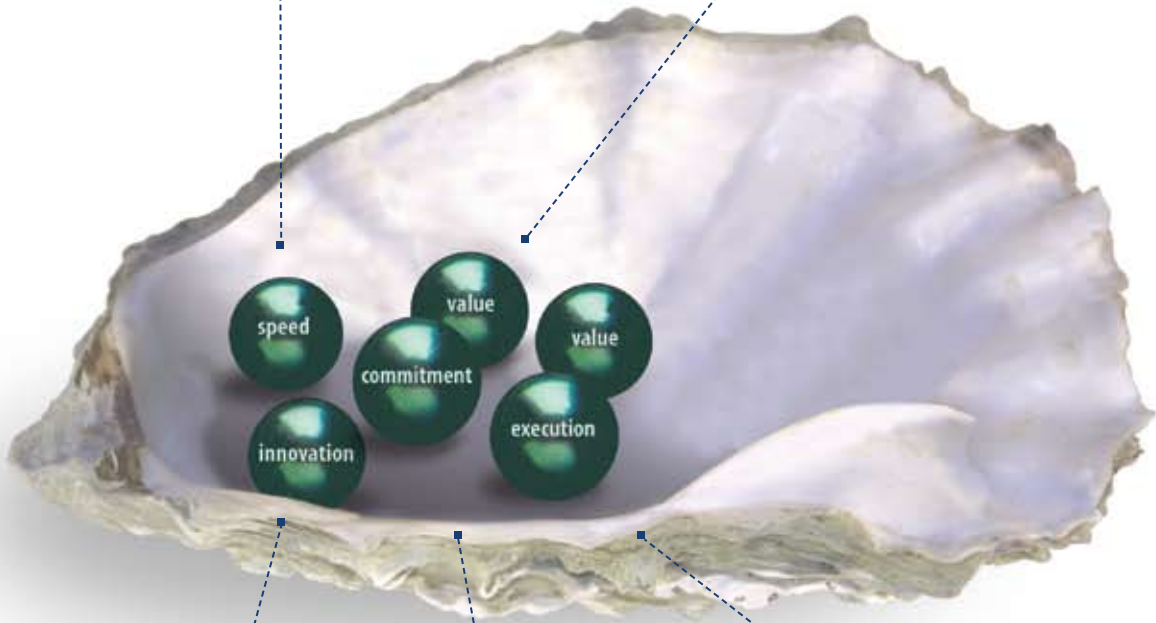


Speed

Continuous effort to streamline procedures, processes, and techniques to provide quality products quickly and at affordable prices.

Value

Provide more than a good product. Deliver excellent "up front" engineering support and focus on customer satisfaction in all we do.



Innovation

Incorporate the latest technology in design and manufacturing to provide products for present and future applications.

Execution

Say what we do and do what we say.
A customer expectation and a Lorch promise.

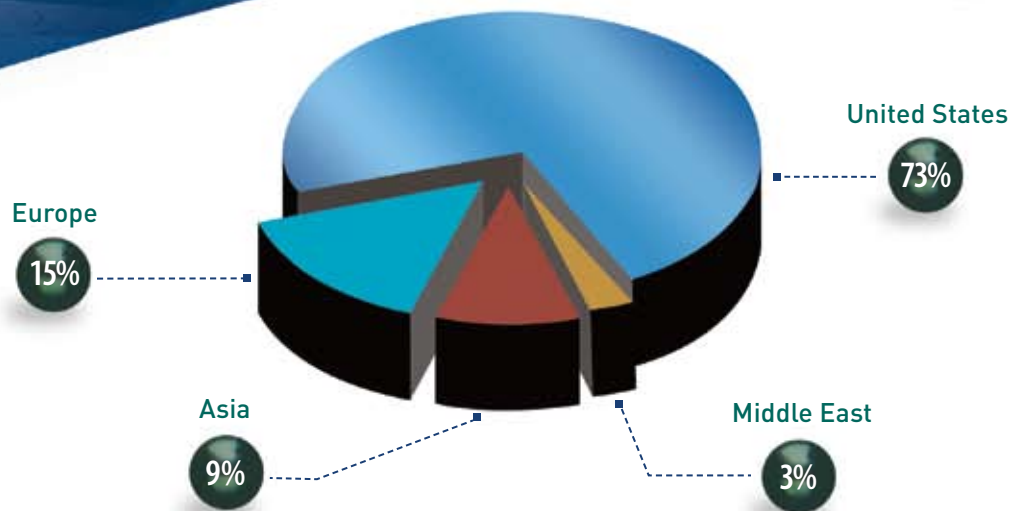
Commitment

Always endeavor to support whatever our customers may need. They are the reason that Lorch Microwave employees come to work every day.

A Global Presence

Lorch Microwave is a global provider of RF and Microwave Filters, Components, and Integrated Assemblies. With sales representation throughout the world, Lorch Microwave strives to be close to our customers. This enables us to thoroughly understand their requirements, to “get it right the first time,” and to provide high quality products in the most timely fashion.

34 sales offices worldwide



Design and manufacturing is concentrated in four industry segments:

Military & Aerospace

75%



15%

Wireless
& Telecom
Medical

7%

Commercial
& Industrial

3%

Other

Products may be manufactured for use on land, sea, or air and can be optimized for specific applications when required. Environmental operating conditions are taken into consideration at the design stage and in this manner, the finished product will deliver the performance you need under the most stringent conditions.

APPLICATIONS

- Radar
- Communications
- EW
- ECM
- Weapon Systems
- Surveillance
- ESM
- Space
- Medical
- Test Equipment



Markets

Lorch Microwave products are found in systems and platforms used by the U.S. Army, Navy, Marine Corps, Air Force, and Coast Guard. Products are designed to meet the rigorous demands of multiple environments, whether land, sea, or airborne, and are tested for compliance.

As a global supplier, Lorch Microwave is not limited in scope. We have become an established and respected supplier of RF and Microwave components throughout the world.



MAJOR CUSTOMERS

Lockheed Martin	L3
British Aerospace	Thales
Raytheon	EADS
General Dynamics	Rockwell
Harris	Honeywell
Northrop	DRS
ITT	SRC



PROGRAMS

ADVANCED HAWKEYE

A-EHF

BOWMAN

B1, B2

CREW-DUKE

DDX

EFA

FCS

F22

GRC-512

JSF

JTRS

MANPACK

MEADS

NMT

RIVOT JOINT

SMART-T

TCAS

U-2

WIN-T



RF & Microwave Filter Products

Wireless Products

Cavity filters and duplexers for GSM-CGSM-DCS-PCS-UMTS-AMPS and 3G applications. Units are custom designed for low insertion loss and sharp rejection characteristics.

Integrated Assemblies

Utilization of multiple switch and filter technologies are combined to provide the optimum in mechanical and electrical performance. Multi-channel switched filter banks, filter amplifiers, and RF distribution assemblies are but a few of the items in this product group.



Cavity Filters

High "Q" standard and custom designed models offer the lowest insertion loss and best selectivity available for military and commercial applications.

Ceramic Filters

Manufactured for high-volume, low-cost commercial/industrial applications. Custom configurations, both electrical and mechanical, may be specified for military applications.

RF Signal Processing Components

A complete line of custom engineered specialty components which include: phase shifters, mixers, phase comparators, digital attenuators, power dividers, couplers, bias tees, and power dividers.

Tunable Filters

Standard bandpass and band-reject configurations, each operating over a complete octave. Frequency range of 24MHz to 3GHz.



Discrete-LC Components

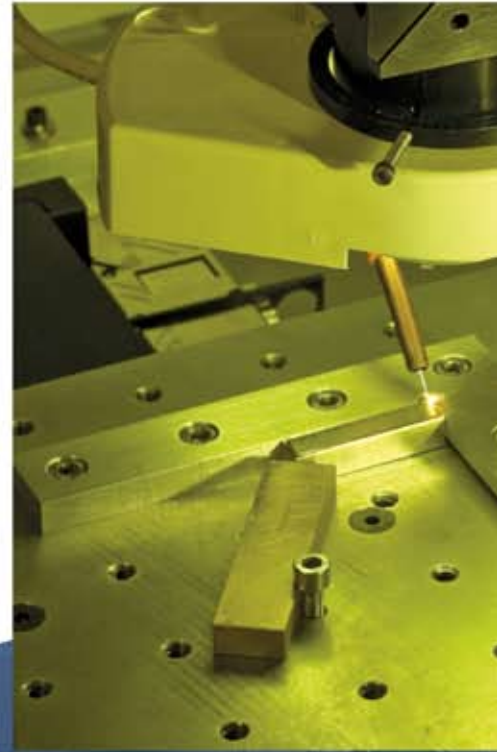
Most versatile of all filter products. Covering a frequency range of 5MHz to 10GHz. The units may be miniaturized when space is at a premium. Standard configurations are bandpass, highpass, lowpass, and band-reject.

Tubular Filters

Ideal for applications where size is not critical. Features low cost, quick delivery, and availability in bandpass and lowpass options.

Manufacturing

A continuing investment in facilities, equipment, and processes keeps Lorch Microwave at the forefront of innovation and new product development. An ongoing commitment to providing customers with the right products on time and on budget drives our continuous improvement efforts.





Lorch Microwave is a global provider of RF and Microwave components. For more than 40 years, Lorch has provided innovative solutions for the most demanding applications to military and commercial customers worldwide.



Our team

At Lorch Microwave, it is people that make the difference. From sales, through engineering and manufacturing, to shipment of the final product, every employee strives to provide the right product, at the right price, and on time.



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