

## METAMAGNETICS COMPANY OVERVIEW

U.S. based and veteran owned, Metamagnetics develops and markets advanced ferrite-based solutions to enhance the performance and effectiveness of mission-critical security, surveillance and communication systems. Our unparalleled knowledge of electromagnetism and materials science empowers break-through technologies that can bring significant value to defense and commercial projects. Efficient and agile, our team can help you rapidly design and deploy innovative solutions for current and next-generation radar, sensing and related systems.

### Capabilities

- Low loss inductor and transformer cores for high performance power electronics
- Low profile, high power handling microstrip ferrite phase shifters for cost effective phased arrays
- Low profile, high power handling, tunable microstrip ferrite filters for systems operating in dense electromagnetic environments
- Ferrite junction circulators and isolators that do not require biasing magnets (self-biased)
- Advanced ferrite materials for nonlinear transmission lines and high power microwave generation
- Low profile, compact, broadband, metamaterial-based antennas

### Our Partnerships Include

Lockheed Martin Corporation

NAVSEA

Northrup Grumman

Office of Naval Research

Raytheon

Army PEO Missiles and Space

### Contact

Michael Hunnewell  
Director, Business Development  
617-833-2950  
mhunnewell@mtmgx.com

ITAR Registered" and DCAA Compliant

### ABOUT METAMAGNETICS

U.S. based and veteran owned, Metamagnetics develops and markets advanced ferrite-based solutions to enhance the performance and effectiveness of mission-critical security, surveillance and communication systems. Our unparalleled knowledge of electromagnetism and materials science empowers break-through technologies that can bring significant value to defense and commercial projects. Efficient and agile, our team can help you rapidly design and deploy innovative solutions for current and next-generation radar, sensing and related systems.