HiMAG™ TUNED FREQUENCY ABSORBER

PART#: AB340-0212   THICKNESS: .032”  30.9 GHz

Modus Advanced, Inc. Tuned Frequency Absorber is a magnetically loaded material having high loss at sub-microwave frequencies. Tuned Frequency Absorbers are designed with shaped magnetic particles which exhibit high permeability. The Tuned Frequency Absorber product line is the thinnest of the HiMag™ materials.

APPLICATIONS
• Traveling or Creeping surface wave absorption
• Resonant Cavity Attenuation
• EM Reduction
• Mounted to an IC on a PCB
• Mounted directly on a micro-strip
• High Frequency Interference
• Inside a shielding can.

FEATURES AND BENEFITS
• Tough material can survive outdoor exposure
• Very thin for compact locations
• Flexible elastomeric material will not crack
• Support broad frequency range
• RoHS Compliant
• Halogen Free

TYPICAL PROPERTIES
• Color: Dark Grey
• Elastomer: Silicone
• Operating Temperature: -60°F to 375°F
• Flame Rating: UL94-V0
• Hardness: Shore A 60-80

AVAILABILITY
• Sheet Size: 24” x 24”
• Sheets, Die Cut, Kiss Cut Pads

ELECTRICAL PERFORMANCE:
The performance plot shown on the left, illustrates the reflection loss performance of this material. Reflection loss is measured on a NRL arch. For more information on the NRL arch test set-up, please contact a Modus™ technical representative. Additional electrical test data may be available upon request.

CUSTOMERS ALSO SEARCHED:
RF Absorbing Material  RF Absorbers  Radar Absorbant Material
Radio Frequency Absorbing Material  Radio Frequency Absorption  Absorbing Foam
RF Absorbing Foam  Microwave Absorbing Materials  EMI Absorbing Material
RF Absorber  Absorbing Material  Wave Attenuation Devices
Absorber Foam  RF Materials  Magnetic Foam Sheets
RF Absorber Material  Microwave Absorbing Material  Radar Absorbing Materials
Microwave Absorber Material  Microwave Absorber  RF Attenuation
Radar Absorber  Radar Absorber  Radar Absorbing Material

ABOUT MODUS
We are Modus! With multiple locations in North America and China, Modus Advanced, Inc. is a diversified custom manufacturer which converts EMI Shielding, Environmental Gasket Materials, Microwave Absorbers, Acoustic Materials, Thermal Interface Materials and other high performance materials into finished parts. Modus utilizes its 40 years as an established provider of high quality, reliable products to create precisely what customers specify. Innovative processes; custom fabrication utilizing performance materials; an on time delivery record of more than 99% means Modus is well positioned to help your company succeed.

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