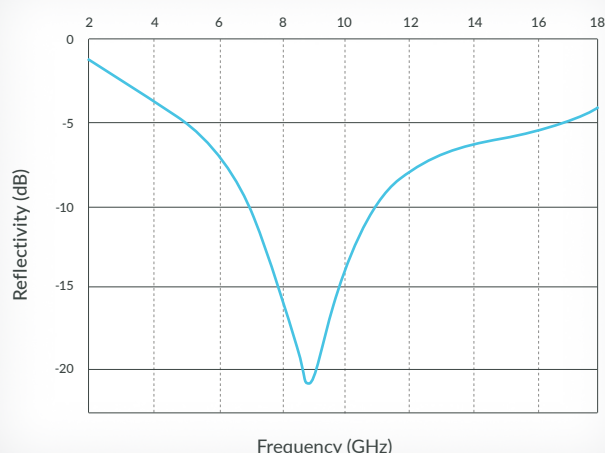


# HiMAG<sup>TM</sup> TUNED FREQUENCY ABSORBER

PART#: AB340-0048 THICKNESS: .047" 9.0 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<sup>TM</sup> materials.

## REFLECTIVITY PERFORMANCE



**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<sup>TM</sup> 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
Radar Absorbing Material	RF Materials	Magnetic Foam Sheets
Absorber Foam	Microwave Absorbing Material	Radar Absorbing Materials
RF Absorber Material	Microwave Absorber	RF Attenuation
Microwave Absorber Material	Radar Absorber	Radar Absorbing Material

## 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

MODUS ADVANCED TAKES YOU FROM IDEA TO IGNITION



**1. IDEA**  
 You design the perfect part



**2. ENGINEERING**  
 You specify the best material



**3. SOLUTION**  
 We strategically plan



**4. IGNITION**  
 We produce and deliver



**PICK A MATERIAL**

LET MODUS CUT IT TO SIZE

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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