

## ECCOSORB® MF-UHF

Magnetic Absorber for Use in Upper UHF Band

### Material Characteristics

- Rigid, magnetically loaded epoxide stock
- Comparable physical properties to the ECCOSORB® MF product line with enhanced electrical characteristics for use in the upper UHF band similar to ECCOSORB® MCS
- Does not support fungal growth per MIL-STD-810E

### Applications

- ECCOSORB® MF-UHF is widely used as absorbers, attenuators, and coaxial lines in the upper UHF band
- For assistance in termination design, see *Termination Design Considerations on the ECCOSORB® MF technical bulletin (A19)*

### Related E&C Products

- ECCOSORB® MF - Physically identical absorber with altered electrical characteristics for applications above the UHF band up through 35 GHz

### Typical Properties

Color	Dark Gray
Service Temperature, °F (°C)	<356 (<180)
Density, g/cc	4.6 – 5.0
Durometer, Shore D	85

### Availability

- ECCOSORB® MF-UHF is available in the following standard stock sizes:
- Sheets 12" x 12" (30.5cm x 30.5cm) in thicknesses of 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1.0, 1.5, 2.0, 2.5 & 3.0" (0.32, 0.64, 0.95, 1.27, 1.59, 1.91, 2.54, 3.81, 5.08, 6.35, 7.62 cm).
- Rods 12" long (30.5cm) in diameters of 1/8, 1/4, 3/8, 1/2, 5/8, 3/4, 1.0, 1.5, 2.0, 2.5 & 3.0" (0.32, 0.64, 0.95, 1.27, 1.59, 1.91, 2.54, 3.81, 5.08, 6.35, 7.62 cm).
- Bars 12" long (30.5cm) in squares of 1/4, 3/8, 1/2, 5/8, 3/4, 1.0, 1.5 & 2.0" (0.64, 0.95, 1.27, 1.59, 1.91, 2.54, 3.81, 5.08 cm).
- Other sizes, shapes, thicknesses, and configurations are available on special order