



CUMING MICROWAVE

C-RAM RF PROBLEM SOLVER KIT

RoHS
Compliant

TECHNICAL BULLETIN 301

Having problems with RF signal leakage, device compatibility, or cavity resonances?

Is your project stuck on the development bench? The RF Problem Solver Kit may be just what you need to patch your problem, and get your product out the door.

Often, the simplest solution to an RF leakage or incompatibility problem in a device is a small piece of RF absorbing material applied over the RF source, or attached to the lid of a cavity to attenuate resonances in that cavity.

Cuming Microwave manufactures a wide range of materials, flexible and readily cut with a razor, having dielectric (ohmic) loss and magnetic (hysteresis) loss.

The RF Problem Solver Kit provides several of the most common materials used to attenuate RF energy. Since every application is unique, this kit allows you to experiment on your bench, and quickly find the optimum solution.

WHAT'S INCLUDED

The RF Problem Solver Kit includes 3 x 3 in. samples of six types of our most common C-RAM RF absorbing materials. These include:

Lossy carbon loaded foam sheets

C-RAM MT-26 .125" thk (0.01 g/cm²)
C-RAM MT-26 .250" thk (0.02 g/cm²)

Magnetic silicone rubber sheets

C-RAM FF-2 .040" thk (0.3 g/cm²)
C-RAM FF-2 .080" thk (0.6 g/cm²)
C-RAM FDSS .125" thk (1.2 g/cm²)

C-RAM GDSS .030" thk (0.3 g/cm²)
C-RAM GDSS .125" thk (1.2 g/cm²)
C-RAM RGDS-124 .060" thk (0.6 g/cm²)
C-RAM FLX-10 .062" thk (0.6 g/cm²)

All are provided with a peel-and-stick pressure sensitive adhesive film; simply cut it to size, stick it in place, and you are ready to test. Technical Bulletins for each grade of material are included.

AVAILABILITY

Simply order as the RF Problem Solver Kit to get yours sent out right away.

All grades of C-RAM MT are normally available in 600mm x 600mm (24in x 24in) sheets. Magnetic silicone grades, including C-RAM GDSS and FLX, are normally available in 300mm x 300mm (12in x 12in) and 400mm x 500mm (16in x 20in) sheets.

Most absorber grades can be supplied with an optional peel-and-stick PSA backing. Cuming Microwave can also die-cut parts to your drawings.

The information in this technical bulletin, although believed to be accurate, is not to be taken as a warranty for which Cuming Microwave assumes legal responsibility, nor as permission or recommendation to practice any patented invention without license; it is offered for verification by the customer, who must make the final judgment of suitability for any application.

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