

Technical Data Sheet

ML Series Overview

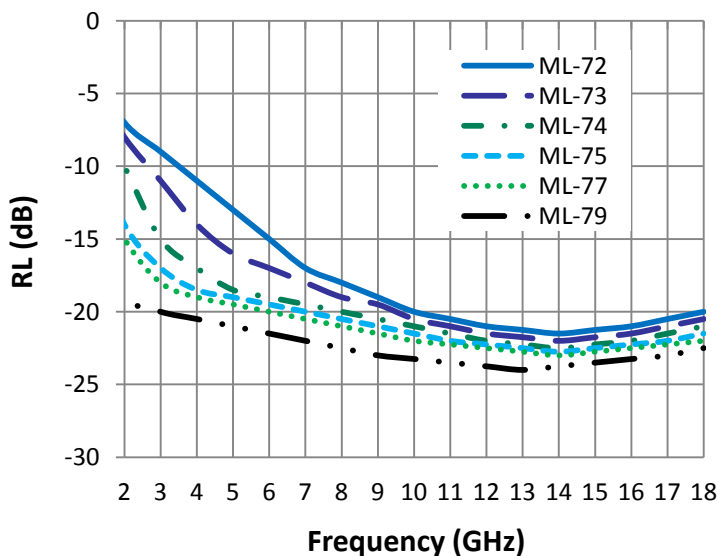


Description

- Broadband, multilayer absorber consisting of graduated layers of loaded open-cell urethane foam.
- Ideal for antenna cross-talk, sidelobe reduction, cavity resonance suppression, and far-field electromagnetic applications.
- Available with PSA, conductive film backing, and acrylic surface coating.
- Can be water-jet cut for custom configurations.
- RoHS and REACH compliant.

ML Series Number	ARC P/N	Reflection Loss	Reflectivity Range	Thickness	Weight
ML-72 Series	ML-10048	≤-17 dB	12 - 18 GHz	0.28" (0.71 cm)	0.6 lbs. (0.272 kg)
ML-73 Series	ML-10049	≤-17 dB	8 - 18 GHz	0.42" (1.07 cm)	0.9 lbs. (0.408 kg)
ML-74 Series	ML-10050	≤-17 dB	4.5 - 18 GHz	0.75" (1.91 cm)	1.0 lbs. (0.454 kg)
ML-75 Series	ML-10051	≤-17 dB	3.5 - 18 GHz	1.125" (2.858 cm)	1.5 lbs. (0.680 kg)
ML-77 Series	ML-10052	≤-17 dB	2.5 - 18 GHz	2.25" (5.72 cm)	2.35 lbs. (1.066 kg)
ML-79 Series	ML-10019	≤-17 dB	2 - 18 GHz	4.50" (11.43 cm)	5.0 lbs. (2.268 kg)

Reflection Loss



Properties	Value
Temperature Range	-70°F to 270°F (-57°C to 132°C)
Standard Sheet Size	24" x 24" (60.96 cm x 60.96 cm) Others available upon request.
Color	Black

Note: the information provided above is accurate at time of publication. It is the responsibility of the end-user to confirm compliance to their application. All test data is typical.