

LS Series

# Near Field RF Absorbers



**MATERIAL**

Iron-loaded silicone elastomer

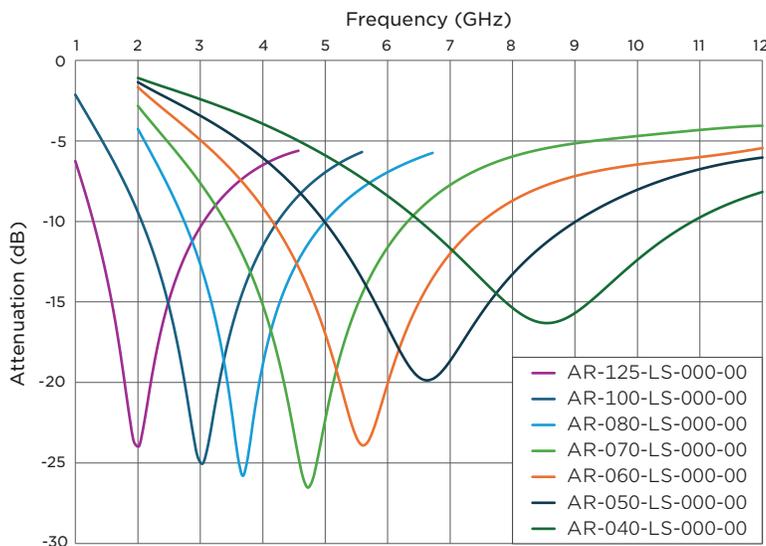


**FEATURES & BENEFITS**

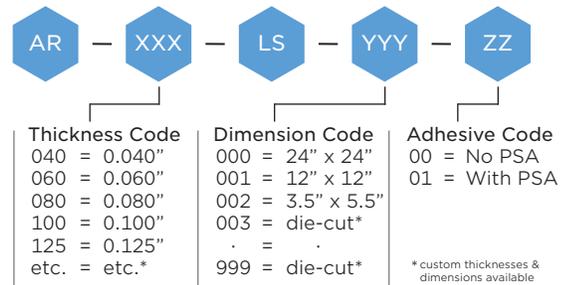
- Superior cavity resonance reduction
- RF absorbers designed for 1 to 4 GHz
- Halogen-free formulations
- RoHS/REACH compliant
- Available with adhesive backing
- 3PB die-cutting & assembly services

PROPERTIES	AR-125-LS	AR-100-LS	AR-080-LS	AR-070-LS	AR-060-LS	AR-050-LS	AR-040-LS
Elastomer Type	Silicone						
Thickness (in)	0.125	0.100	0.080	0.070	0.060	0.050	0.040
Thickness (mm)	3.175	2.540	2.032	1.778	1.524	1.270	1.016
Density (g/cm <sup>3</sup> )	4.470	4.470	4.470	4.470	4.470	4.470	4.470
Frequency Range (GHz)	1.5 - 2.5	2.0 - 4.0	3.0 - 5.0	3.5 - 6.5	4.0 - 7.0	5.0 - 9.0	6.5 - 11.0
Frequency Band	L Band	S Band	S, C Band	S, C Band	C Band	C, X Band	C, X Band
Operating Temp. (°C)	-55 to 200						

**ELECTRICAL PERFORMANCE**



**PART NUMBERING**



**ORDERING INFORMATION**

Standard sheet sizes -000 (24" x 24"), -001 (12" x 12") and samples -002 (3.5" x 5.5") can be ordered using the above part numbering convention. Die-cut and other custom-dimensioned parts must be assigned a part number after acceptance of quote before placing an order. Contact us via email or contact form with any questions.

