

XB, KU, KB & KA Series

Near Field RF Absorbers



MATERIAL

Iron-loaded silicone elastomer

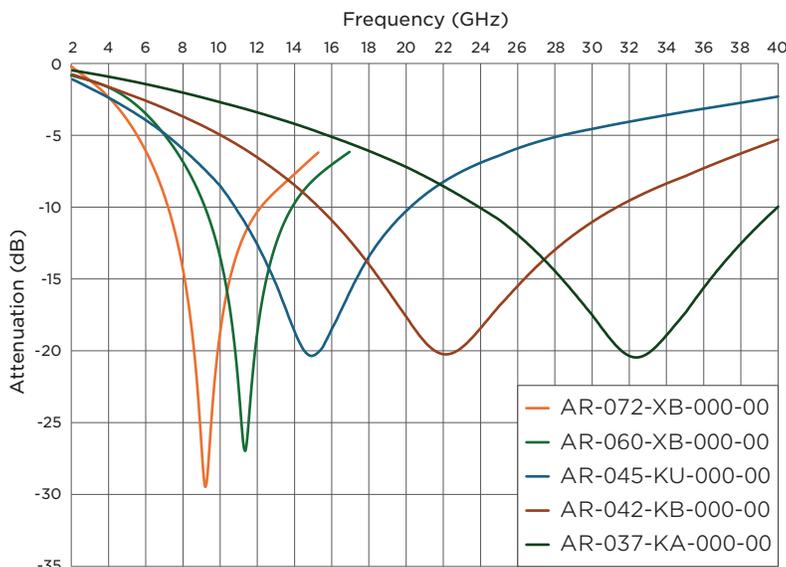


FEATURES & BENEFITS

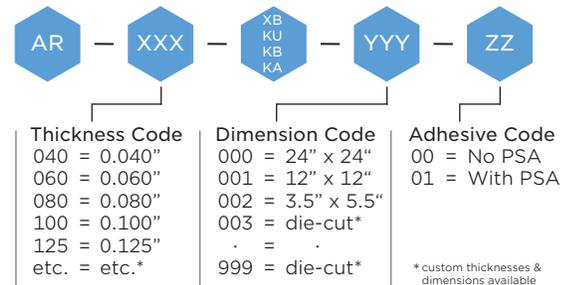
- Superior cavity resonance reduction
- RF absorbers designed for 8 to 12 GHz
- Halogen-free formulations
- RoHS/REACH compliant
- Available with adhesive backing
- 3PB die-cutting & assembly services

PROPERTIES	AR-072-XB	AR-060-XB	AR-045-KU	AR-042-KB	AR-037-KA
Elastomer Type	Silicone	Silicone	Silicone	Silicone	Silicone
Thickness (in)	0.072	0.060	0.045	0.042	0.037
Thickness (mm)	1.823	1.524	1.143	1.067	0.940
Density (g/cm ³)	3.250	3.250	3.250	2.930	2.930
Frequency Range (GHz)	8.0 - 12.0	8.0 - 12.0	12.0 - 18.0	18.0 - 27.0	27.0 - 40.0
Frequency Band	X Band	X Band	K _u Band	K Band	K _a Band
Operating Temp. (°C)	-55 to 200	-55 to 200	-55 to 200	-55 to 200	-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.

