

CB Series

Near Field RF Absorbers



MATERIAL

Iron-loaded silicone elastomer

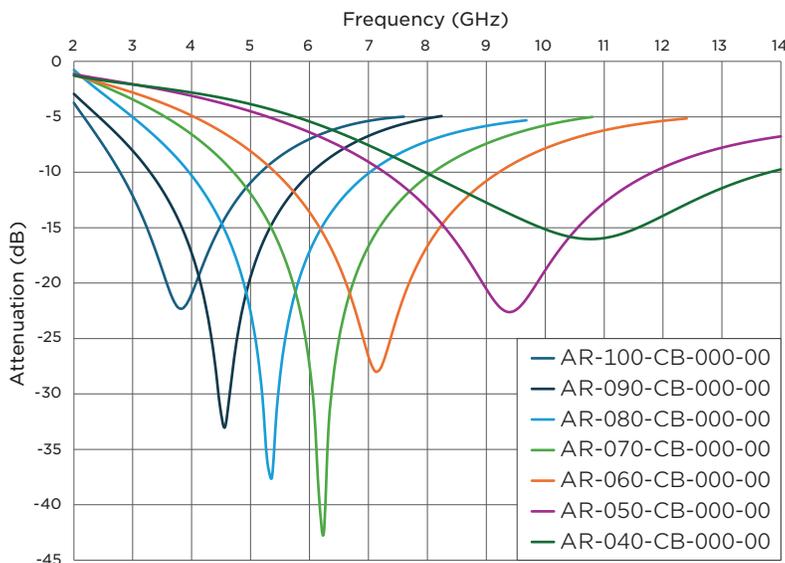


FEATURES & BENEFITS

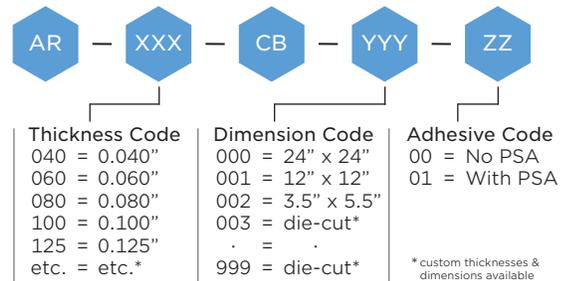
- Superior cavity resonance reduction
- RF absorbers designed for 4 to 8 GHz
- Halogen-free formulations
- RoHS/REACH compliant
- Available with adhesive backing
- 3PB die-cutting & assembly services

| PROPERTIES | AR-100-CB | AR-090-CB | AR-080-CB | AR-070-CB | AR-060-CB | AR-050-CB | AR-040-CB |
|------------------------------|------------|------------|------------|------------|------------|------------|------------------------|
| Elastomer Type | Silicone |
| Thickness (in) | 0.100 | 0.090 | 0.080 | 0.070 | 0.060 | 0.050 | 0.040 |
| Thickness (mm) | 2.540 | 2.286 | 2.032 | 1.778 | 1.524 | 1.270 | 1.016 |
| Density (g/cm ³) | 4.030 | 4.030 | 4.030 | 4.030 | 4.030 | 4.030 | 4.030 |
| Frequency Range (GHz) | 3.0 - 5.0 | 3.5 - 6.0 | 4.0 - 7.0 | 5.0 - 8.0 | 5.5 - 9.0 | 7.5 - 12.0 | 8.0 - 14.0 |
| Frequency Band | S, C Band | C Band | C Band | C Band | C, X Band | C, X Band | X, K _u 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.

