

NARROWBAND

Cavity Resonance – Off the shelf absorber that targets specific frequency increments when exact frequency is unknown. Cavity resonance absorbers typically provide 15-25 dB of attenuation.

Features & Properties

- Magnetically loaded silicone
- High Reflection Loss when mounted to a conductive surface
- Operating Temp: -60 F to 375 F (-51 C to 191 C)
- Flammability Rating : UL94 V-0
- Hardness: Shore A 60-80
- Halogen Free

Common Applications:

- Antenna Cross Talk Reduction
- Radar Cross Section Reduction
- Instrument Housings
- Aircraft Seals/Ducts
- Cavity Resonance
- Inside EMI Shields
- Traveling, Creeping, Surface Wave Reduction

CAVITY RESONANCE

Part Number	PSA	Base	Thickness (in.)	Frequency
EA-CR020-XX	Yes	Silicone	0.020	14-18 GHz
EA-CR030-XX	Yes	Silicone	0.030	13-17 GHz
EA-CR040-XX	Yes	Silicone	0.040	9-12 GHz
EA-CR050-XX	Yes	Silicone	0.050	6-11 GHz
EA-CR060-XX	Yes	Silicone	0.060	5-9 GHz
EA-CR070-XX	Yes	Silicone	0.070	4-7 GHz
EA-CR080-XX	Yes	Silicone	0.080	3-7 GHz
EA-CR090-XX	Yes	Silicone	0.090	2-5 GHz
EA-CR100-XX	Yes	Silicone	0.100	2-5 GHz
EA-CR125-XX	Yes	Silicone	0.125	1-3 GHz

Note: XX = sheet size, available in 12" x 12" and 24" x 24" XX = 12 for 12" x 12" XX= 24 for 24" x 24"

EA-CR020

