

VieTape EMI8001

EMI MATERIAL

DESCRIPTION

VieTape EMI8001 cavity resonance absorber can be applied to metal surfaces to attenuate RF surface currents and dampen microwave cavity resonances due to the absorbers high permittivity and permeability as well as high loss. It can be used to modify antenna patterns, lower the Q of a cavity, act as a transmission line.

APPLICATIONS

- Consumer electronics: Mobile phones, laptops, TVs, etc.
- Medical devices: MRI machines, pacemakers, hearing aids, etc.
- Industrial equipment: Robots, motor controllers, inverters, etc.
- Automotive: Electronic systems, entertainment systems, safety systems, etc.

TYPICAL PERFORMANCE PROPERTIES

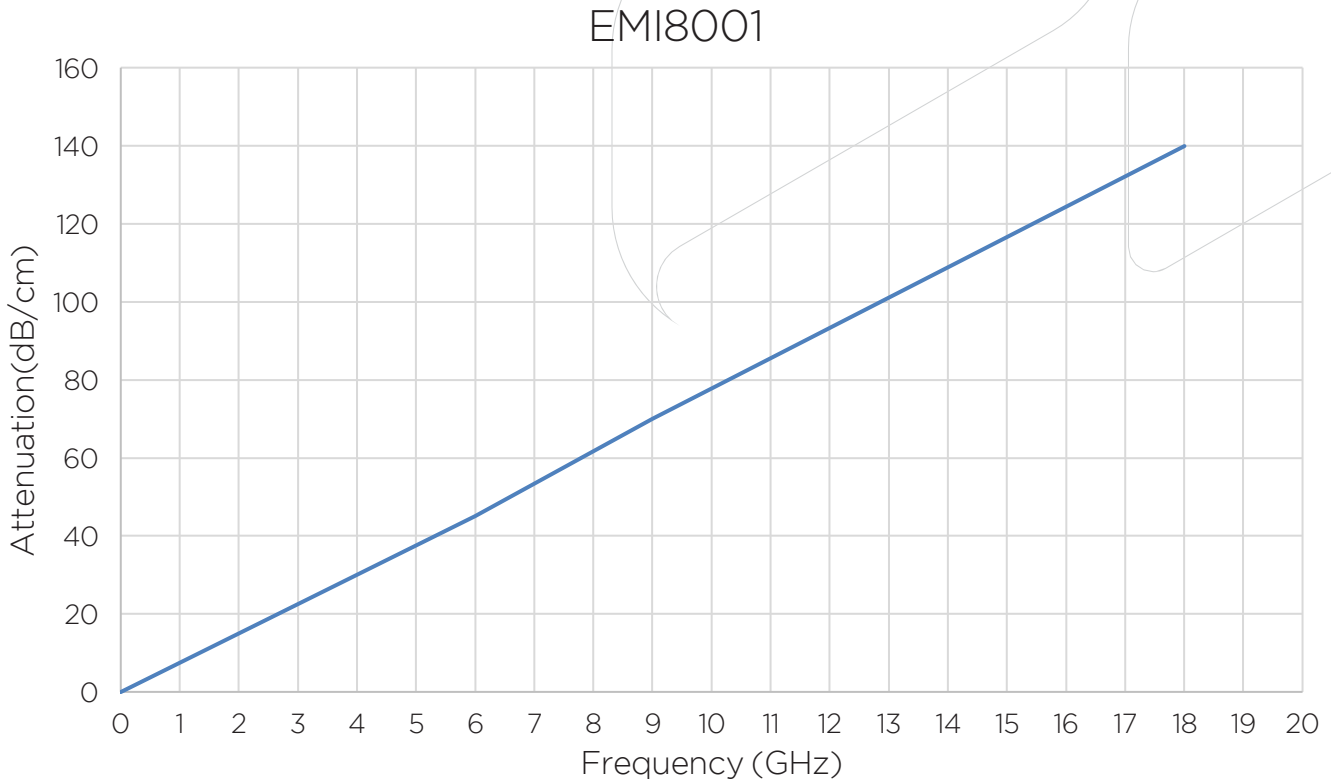
Properties	EMI8001	Unit
Color	Dark Grey	-
Thickness	0.5	mm
Based	Silicone	-
Hardness	80	Shore A
Tensile Strength	3.5	MPa
Elongation	50	%
Volume Resistivity	10 ⁸	Ohm-cm
Flame Retardant	Meet VO	UL94
Operating Temperature	-40 to 120	°C
RoHS Compliant	Yes	-
Frequency range	1-18	GHz



VieTape EMI8001 Series

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TYPICAL PERFORMANCE PROPERTIES



The above values are sample observed values, we do not guarantee the actual performance due to the different of application method, bonding design, bonding substrate.. We highly recommend customer to test in the real part

