

CRT EMI/ESD absorber

FEATURES

- *Flexible. Will not crack. Suited for thin and compact devices.
- *Available in a wide range of dimensions and shapes.
- *The products in the line-up support a wide range of frequency bands(10MHz-20GHz).
- *Excellent performance at high frequencies(≥ 300 MHz).
- *Environmentally products are also available.

APPLICATION

- *Electromagnetic noise reduction for electric equipment.(especially for mobile equipment)
 - Internal EMI, resonance reduction(mounting inside a shielded box)
- *RF-block and Amplifier
 - Radiated noise reduction(Circuit, IC, flat cable)
 - Surface current suppression
- *Improvement of noise immunity
- *SAR reduction for mobile phone
- *Improve antenna reception sensitivity.

SPECIFICATIONS

Material name	BE	BNA	BNF	BLSx (a,b,f,k)
Recommended(source noise) frequency range	30MHz to 300MHz 2.4GHz to 5.1GHz	1GHz to 10GHz	30MHz to 10GHz	1MHz to < 800MHz
Operating temperature range(°C)	-20~+120	-20~+120	-20~+120	-20~+120
Initial permeability μ' min.LCR meter at 1MHz	≤ 10	≥ 25	≥ 35	(50,60,100,150)
Resistivity(Ω/\square)	$\geq 10^3$	≤ 1	$\geq 10^7$	$\geq 10^7$
Density (g/cm^3)	≥ 2.1	≥ 3.1	≥ 3.1	≥ 3.5
Flame retardant(equal to UL94)	V ₀	V ₀	V ₀	V ₀
Thermal conductivity(W/m ² k)	NA	≥ 0.5	≥ 0.5	≥ 0.6
Standard thickness (mm)	(0.06,0.1,0.15)	0.10 ~ 0.5	0.05 ~ 1.5	0.05 ~ 0.5
Rohs standard	compatible	compatible	compatible	compatible
	(no halogen)	(no halogen)	(no halogen)	(no halogen)
Features	1)Above 2.4GHz clock, trace radiation noise. 2)Power noise from grounding level 3)2 nd Harmonic noise	Suppression of the radiation or coupling GHz noise from USB 3.0 or WLAN or GPS, LTE.	High energy noise from VCC or signal trace.	more shielding for low frequency(VCC) coupling noise