MAGNETIC PROPERTIES OF FERRITE MATERIALS

Material type	33	43	61	64	67	68	73
Initial Perm.	800	850	125	250	40	20	2500
Max. Perm.	1380	3000	450	375	125	40	4000
Max Flux den. @ 10 oer, (gauss)	2500	2750	2350	2200	3000	2000	4000
Residual Flux density, (gauss)	1350	1200	1200	1100	1000	1000	1000
Vol. Resist. (ohms-cm)	1×10^{2}	1×10^{5}	1×10^{8}	1×10^{8}	1×10^{7}	1×10^{7}	1×10^{2}
Temp. Coeff. -20°C - 70°C (%/°C)	.10%	1%	.15%	.15%	.13%	.06%	.80%
Loss Factor	3×10^{-6} @ .2 MHz	120×10^{-6} @ 1 MHz	32×10^{-6} @ 2.5 MHz	100×10^{-6} @ 2.5 MHz	150×10^{-6} @ 50 MHz	400×10^{-6} @ 0.1 MHz	7×10^{-6} @ 0.1 MHz
Coercive Force (Oersteds)	.30	.30	1.6	1.4	3.0	10.	.18
Curie Temp. °C	150	130	350	210	500	500	160
Resonant Cir. Freq. (MHz)	.01 to 1 MHz	.01 to 1 MHz	.20 to 10 MHz	.05 to 4 MHz	10 to 80 MHz	80 to 180 MHz	1 KHz to 1 MHz
Wideband Freq. (MHz *)	1 to 30 MHz	1 to 50 MHz	10 to 200 MHz	50 to 500 MHz	200 to 1000 MHz	.5 to 30 MHz	.2 to 15 MHz
Attenuation RF Noise, (MHz)	20 to 80 MHz	30 to 200 MHz	300 to 10,000 MHz	200 to 5,000 MHz	Above 1000 MHz	Above 10,000 MHz	1 to 40MHz

* Based on low power, small core application. Listed frequencies will be lower with higher power.