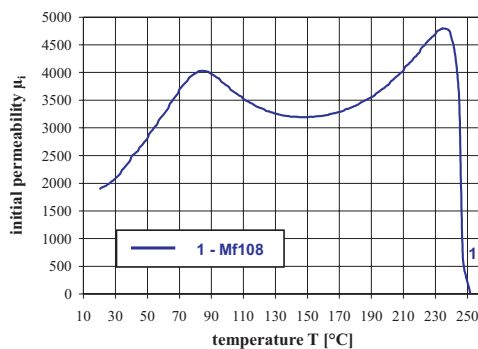




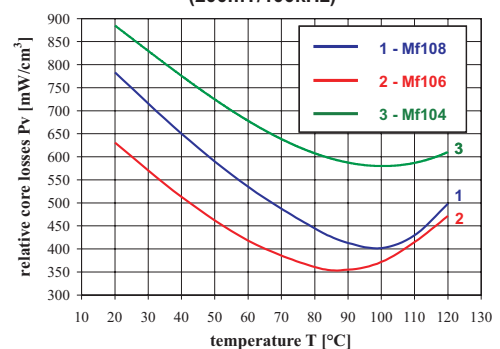
Mf 108 is an improvement of the material Mf 104. It is featured by a high saturation flux density and low power losses even at higher frequencies. The preferred frequency range is 20 ... 300 kHz. Mf 108 is a power ferrite material for output chokes with dc bias current and ac rippel and for common transformer applications as well.

Properties	unit	Measuring conditions			Mf 108
		f/kHz	B / H	T/°C	
μ_i	-	≤ 10	≤ 0,25 mT	25	1900
B_s	mT	DC	3000 A/m	25	= 510
H_C	A/m	DC		25	≈ 15
T_C	°C	≤ 10	≤ 0,25 mT	-	= 240
ρ_{el}	Ωm	DC	-	25	3
P_v	mW/ cm ³	25	200 mT 100	100	≤ 60
		100	mT	100	≤ 70
		100	200 mT	25	≤ 700
		100	200 mT	100	≤ 400
B_{250}	mT	16	250 A/m	100	410
ρ	g/cm ³	-	-	25	4,8

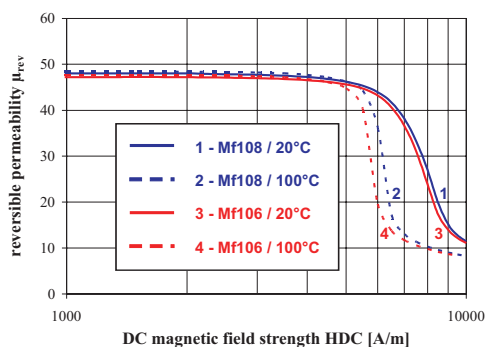
Initial permeability μ_i versus temperature



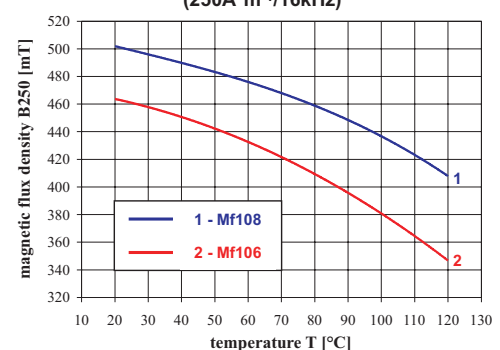
Relative core losses P_v versus Temperature (200mT/100kHz)



DC magnetic bias measured on EF25/13/11 cores



Magnetic flux density B_{250} versus temperature (250A*m⁻¹/16kHz)



The material values are defined on the basis of toroids 25x15x10. Products generally comply with these characteristics. Deviations may occur due to different sizes, shapes or technological operations. Specified product properties are given in appropriate data sheets and product drawings, respectively.