

	Symbol	Unit	Measuring Conditions			For Rod Core Antenna Material
			Freq.	Flux den.	Temp.	H5M
Initial Permeability	μ_i		$\leq 10\text{kHz}$	0.25mT	25°C	230 $\pm$ 25%
Saturation Flux Density	Bs	mT	10kHz	H = 4000A/m	25°C	430
					100°C	365
Remanence	Br	mT	10kHz	H = 4000A/m	25°C	250
					100°C	180
Coercivity	Hc	A/m	10kHz	H = 4000A/m	25°C	75
					100°C	60
Relative Loss Factor	$\tan\delta/\mu_i$	10^{-6}	1MHz		25°C	50
Temperature Factor of Permeability	α_μ	$10^{-6}/^\circ\text{C}$			20 ~ 80°C	30
Curie Temperature	Tc	°C				≥ 280
Resistivity	ρ	Ωm				$> 10^6$
Density	d	g/cm ³				5.10

Note: Material characteristics are typical for a toroid core.

Product specification will differ from these data due to the influence of geometry and size.

