

	Symbol	Unit	Measuring Conditions			For Rod Core Antenna Material
			Freq.	Flux den.	Temp.	H5N
Initial Permeability	μ_i		$\leq 10\text{kHz}$	0.25mT	25°C	300 $\pm$ 25%
Saturation Flux Density	Bs	mT	10kHz	H = 4000A/m	25°C	390
					100°C	310
Remanence	Br	mT	10kHz	H = 4000A/m	25°C	260
					100°C	185
Coercivity	Hc	A/m	10kHz	H = 4000A/m	25°C	155
					100°C	125
Relative Loss Factor	$\tan\delta/\mu_i$	10 ⁻⁶	1MHz		25°C	475
Temperature Factor of Permeability	α_μ	10 ⁻⁶ /°C			20 ~ 80°C	≤ 5
Curie Temperature	Tc	°C				≥ 200
Resistivity	ρ	Ωm				$> 10^6$
Density	d	g/cm ³				5.00

Note: Material characteristics are typical for a toroid core.

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

