



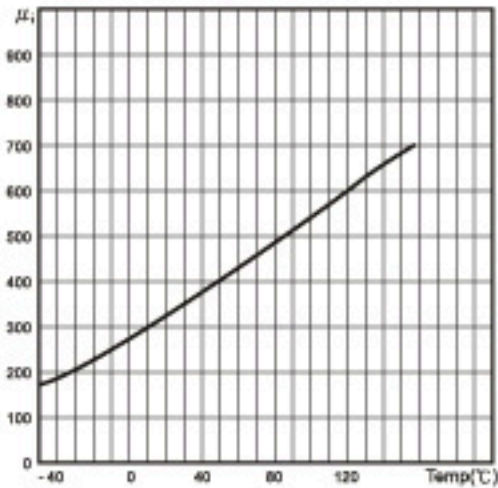
# Ferrite Cores

## Materials: GLGB

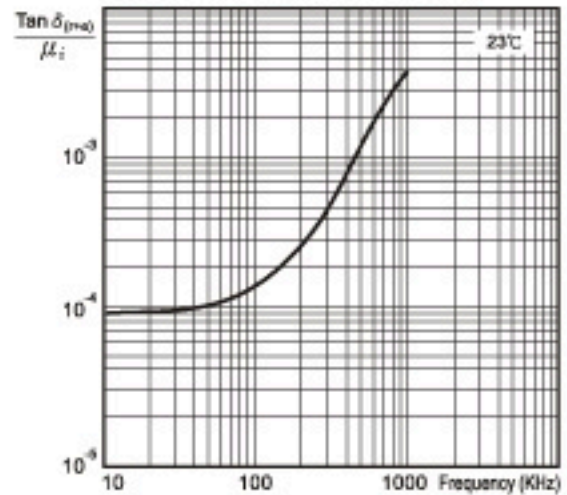
Parameter	Symbol	Standard Conditions of test	Unit	GLGB
Initial Permeability (nominal)	$\mu_i$	B=0.1mT 10kHz 25°C	-	350
Saturation Flux Density (typical)	$B_{sat}$	H=1194 A/m =15 Oe 25°C 100°C	mT	350
Remanent Flux Density (typical)	$B_r$	H=0 (from near Saturation) 10kHz 25°C	mT	200
Coercivity (typical)	$H_c$	B=0 (from near Saturation) 10kHz 25°C	A/m	65
Curie Temperature (minimum)	$t_c$	B<0.10mT 10kHz	°C	240
Resistivity (typical)	$\rho$	1 V/cm 25°C	ohm-cm	$1 \times 10^8$

A nickel-zinc ferrite of moderate initial permeability specially formulated to provide low hum modulation in power choke applications. Available in a variety of toroidal, multi aperture, and bead and rod cores.

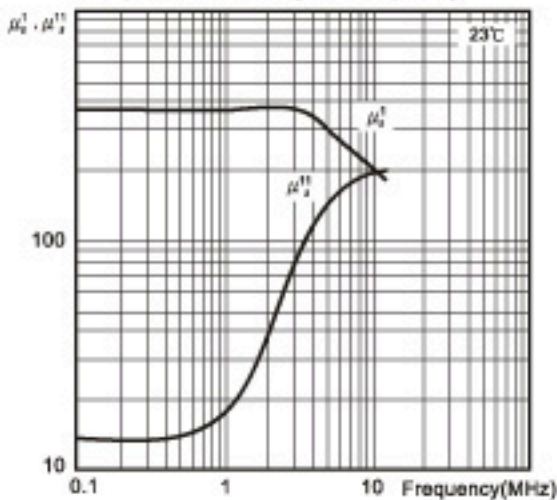
Initial Permeability vs. Temperature



Relative Loss Factor vs. Frequency



Complex Permeability vs. Frequency



Dynamic Magnetisation: Typical B-H Loop

