



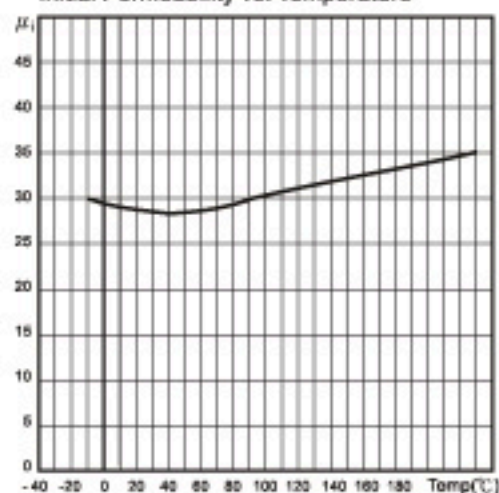
Ferrite Cores

Materials: GL2F

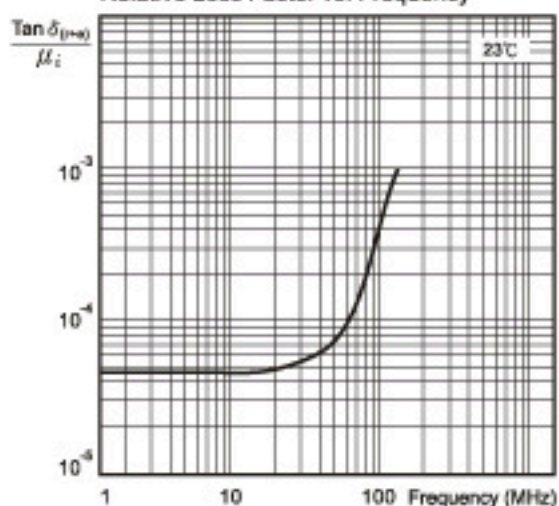
Parameter	Symbol	Standard Conditions of test	Unit	GL2F
Initial Permeability (nominal)	μ_i	B<0.1mT 10kHz 25°C	-	30
Loss Factor (maximum)	$\frac{\tan \delta_{(f=0)}}{\mu_i}$	B<0.1mT 25°C 10MHz 100MHz	-	80 250
Temperature Factor	$\frac{\Delta \mu}{\mu_i^2 \Delta T}$	B<0.25mT +25°C to +55°C 10kHz	$10^4 / ^\circ\text{C}$	30
Curie Temperature (minimum)	θ_c	B<0.10mT 10kHz	$^\circ\text{C}$	500
Resistivity (typical)	ρ	1 V/cm 25°C	ohm-cm	10^5

A nickel-zinc ferrite (perminvar) offering high Q values optimised from 5 to 110MHz. Typical applications as aerial rods and slabs for paging systems in the FM band.

Initial Permeability vs. Temperature



Relative Loss Factor vs. Frequency



Complex Permeability vs. Frequency

