



# Ferrite Cores

## Materials: GL150

PROPERTIES	SYMBOL	UNIT	MEASURING CONDITIONS			MATERIAL
			FREQ (KHZ)	FLUXDEN (mT)	TEMP (°C)	
INITIAL PERMEABILITY	$\mu_i$		<10	0.25	25	15000±30%
SATURATION FLUX DEN. AT H=15 Oe	B <sub>ms</sub>	mT	10	H=1200A/m	25	390
RESIDUAL FLUX DENSITY	B <sub>r</sub>	mT	10	H=1200A/m	25	200
RELATIVE LOSS FACTOR	Tanδ/ $\mu_i$	X10 <sup>-6</sup>	10	<0.25	25	<10
DC RESISTIVITY	$\rho$	Ωm				0.10
DENSITY	d	g/cm <sup>3</sup>				4.90
CURIE TEMPERATURE	T <sub>c</sub>	°C				105
PRACTICAL FREQUENCY RANGE		KHZ				<100

