



CN20B

CN20B is a NiZn material with an initial permeability of 1375 and a narrow BH loop. These characteristics make it a suitable material for inductively coupled, 1.5 to 30 MHz, and broadband transformers, 1.5 to 500 MHz. The impedance properties make it suitable for common mode chokes and suppression applications. The material is available in both pressed to shape and machined cores.

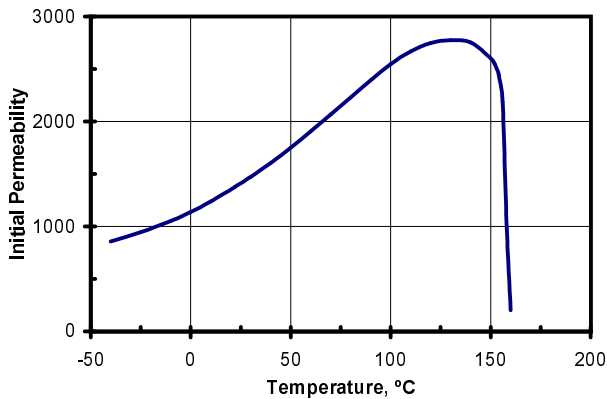
Typical Properties

Initial Permeability	1375
Maximum Permeability	4100
Saturation Flux Density	3500 Gauss
Remanent Flux Density	2100 Gauss
Coercive Force	0.20 Oersted
Curie Temperature	160°C
dc Volume Resistivity	10 ⁸ ohm-cm
Bulk Density	5.0 g/cc

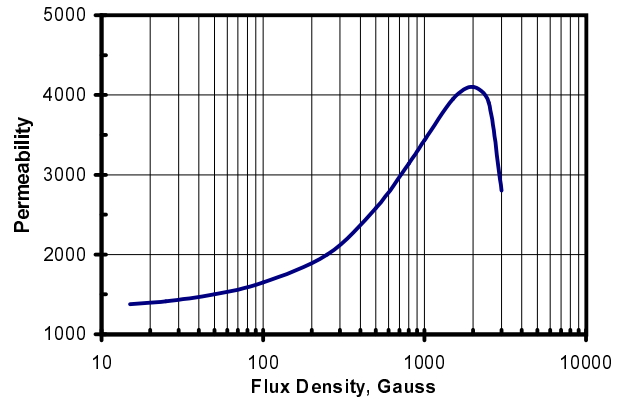
Unless otherwise specified, all tests were performed at 10 KHz, 22°C

Bs tested at 1 KHz, 20 Oersted • Br, Hc at 1 KHz, 5 Oersted

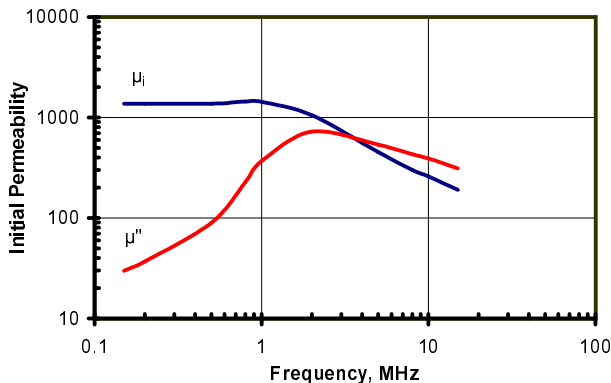
Initial Permeability vs. Temperature



Permeability vs. Flux Density



Complex Permeability & μ_i vs. Frequency



BH Loop Parameters vs. Temperature

