

J Material

J material is a medium permeable general-purpose material. Well suited both for EMI/RFI filtering and broadband transformers.

Property	Value
Initial Permeability @ 10 kHz	5,000 ± 20%
Saturation Flux Density (4,300 G at 15 Oe, 25°C)	430 mT, 11.9 A•T/cm
Maximum Usable Frequency (50% roll-off)	≤0.7 MHz
Relative Loss Factor (tan δ/μiac) X10-6, 25°C	≤15 (100 KHz)
Remanence (1,000 G, 25°C)	100 mT
Density	4.8 g/cm ³
Curie Temperature	145°C
Resistivity	5 Ω-cm

