MN90

**Mn-Zn Power Ferrite**

This material is a medium frequency power ferrite designed to work at 100 KHz and 80°C. It has a permeability of 2500 at room temperature, low power loss and good magnetization. It is available in large blocks for custom-machined shapes.

**Typical Properties**

- Initial Permeability: 2500
- Maximum Permeability: 6200
- Saturation Flux Density: 4200 Gauss
- Remanent Flux Density: 600 Gauss
- Coercive Force: 0.085 Oersted
- Curie Temperature: 215°C
- dc Volume Resistivity: 4000 ohm-cm
- Bulk Density: 4.42 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
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Power Loss vs. Temperature at 100KHz

Power Loss vs. Frequency at 100°C