

Magnet Info

Superconducting magnet model	6429-MI-9T
Rated Central Field	9 Tesla @ 4.2 K
Operating current at 9 Tesla	50.88 Amps at 9 T
Total Inductance	9.0 Henrys
Homogeneity	+/- 0.1% over 1 cm DSV
Field to current ratio	1769 Gauss/Amp
Persistent switch heater current	39.8 ma
Persistent switch heater resistance	~71 Ohms at room temperature
Charging voltage (recommended)	1.25 V (total) Vmagnet 1.00 V
Charging Voltage (maximum)	2.00 V (total)
Charge rate (recommended)	0.110 A/s
Charge rate (max)	0.220 A/s
Magnet resistance (parallel w/switch))	~21.2 at room temperature
Magnet weight	7.5 pounds (3.4 kg)

Magnet not warranted for operation above 9.0 Tesla at 4.2 K.