

Helmholtz Coil

TYXH 06400

Datasheet



TYXH 06400 is used to produce d.c and alternating magnetic field from DC to 30 kHz together with appropriate signal source and compensation networks. Featured with large experimental area and good magnetic field uniformity, it can satisfy magnetic field susceptibility test requirement of various standard with frequency less than 30 kHz.

Technical Parameters	
Total Coil Turns	120 (60×2)
Max. Coil Current	30 A, 5 min
Standard Current	20 A, continuous
Max. Magnetic Field Strength	4260 A/m@30 A, 5 min
Standard Magnetic Field Strength	2856 A/m@20 A, continuous
Coil Factor	43.1 dB A/m
Coil Diameter	600 mm
Frequency Range	DC-30 kHz
Coil Total Inductance	≤10 mH
DC Resistor	≤1 Ω
Interface Type	4 mm banana plug
Working Temperature	0 °C ~ 65 °C
Weight	45 kg



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