



Magnetic field coil

TYXH06400

— Features

- > Large experimental area
- > Good magnetic field uniformity
- > Meet the requirements of various standards for magnetic field sensitivity testing at 30 kHz and below

— Introduction

The TYXH06400 Magnetic field coil is used to generate DC-30 kHz DC and AC magnetic fields (requiring appropriate signal sources and compensation networks). It has the characteristics of a large experimental area and good magnetic field uniformity. Meet the requirements of various standards for magnetic field sensitivity testing at 30 kHz and below. Widely used in electromagnetic compatibility conducted sensitivity (immunity) testing.

Technical Parameters

Total number of gates	120(60×2)
Maximum coil current	30 A, 5 min
Nominal current	20 A, continuous
Maximum magnetic field strength	4260 A/m@30 A,5 min
Nominal 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
Total inductance of coil	≤10 mH
DC resistance	≤1 Ω
Interface form	4mm banana socket

General Parameters

Weight	About 45 kg
Ambient temperature	0~65 °C

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