



EM-6870 | Antenna, Loop

Description



The EM-6870 Loop Antenna obtains magnetic field measurements from 20 Hz – 100 kHz. The antenna has a balanced faraday shield that reduces its response to electric fields to an insignificantly small amount, which results in practically pure magnetic field measurements

Applications

The EM-6870 is suited for use in compliance testing to RE01/RE101 of MIL-STD-461, RE04 of MIL-STD-461A, CISPR recommendations plus other government and federal standards. The antenna is designed to work into a 50-ohm system and must be oriented for best sensitivity.

Specifications

Electrical

Frequency Range:	20 Hz – 100 kHz
Impedance:	Calibrated for use in a 50-ohm system
Output Connector:	Type BNC (shielded from electric fields)

Mechanical

Outside Diameter:	63.5 cm (25")
Height:	68.6 cm (27")
Weight:	500 g (1.1 lbs.)

Specifications subject to change without notice, unless otherwise specified. Product is manufactured in Johnstown, NY, U.S.A.

