

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 into 50 Ohms

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.)

Ref: 100405

Specifications subject to change without notice.
Unless otherwise specified, product is manufactured in
Johnstown, NY USA.

