

EM-6878 | Antenna, Loop



Description

The EM-6878 Loop Antenna performs magnetic field measurements from 9 kHz to 30 MHz. A ten position rotary switch is used to switch in the appropriate matching network for the frequency selected. The antenna is calibrated for and can be used with any 50-ohm receiver/analyzer system.

The bottom of the base contains a 5/8-11 threaded receptacle for mounting to the Model EM-6136-1 Tripod. Optional inserts can be purchased to reduce to a standard 1/4 -20 thread.

Applications

The EM-6878 uses passive circuitry to transform magnetic field components between 9 kHz and 30 MHz to a voltage output for use by any 50-ohm input receiving system.

The EM-6878 is particularly suited for application in military EMI specification compliance testing such as is outlined in the various revisions of MIL-STD-461.

Specifications

Electrical

Frequency Range

(calibrated): 9 kHz to 30 MHz

(Antenna Factor Chart furnished with antenna.)

Input Impedance: Matched to 50 Ohms

Connector: Type TNC female

Mechanical

Outside Diameter: 43.2 cm (17")

Height: 50.8 cm (20")

Weight: 3.5 kg (7.7 lbs.)

Ref: 130508

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

