

EM-6992 | Magnetic and Electric Field Probe Kit, Hand-Held



Description

The EM-6992 Probe Kit includes five probes (three (3) Magnetic Field probes and two (2) Electric Field Probes) as well as a 20cm extension handle for accessing hard-to-reach places. The probes are designed for the detection of E-Field and H-Field emissions and are suited for EMC/Pre-Compliance testing as well as performing basic electric and magnetic field measurements.

Each probe is constructed from semi-rigid coaxial cable and industrial grade plastics allowing for high durability while remaining lightweight and compact. This kit is well suited for lab use and beyond, with each kit coming field ready whether it be for TSCM sweeps or troubleshooting in the harshest conditions.

Specifications

Electrical

Frequency Range: DC to >1000MHz

Connector: BNC (female)

Model:

EM-6993: 6cm Loop H-Field Probe

EM-6994: 3cm Loop H-Field Probe

EM-6995: 1cm Loop H-Field Probe

EM-6996: 3.6cm Ball E-Field Probe

EM-6997: Stub E-Field Probe

Mechanical

Kit Dimensions:

Length: 33 cm (13")

Width: 27.9 cm (11")

Height: (5.5")

Weight: 1.96 kg (4.32 lbs.)



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



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Probe Characteristics

EM-6993 6 cm loop

H-Field Probe

E-Field rejection: 41 dB

Resonant Frequency: 540 MHz



EM-6994 3 cm loop

H-Field Probe

E-Field rejection: 29 dB

Resonant Frequency: 950 MHz



EM-6995 1 cm loop

H-Field Probe

E-Field rejection: 11 dB

Resonant Frequency: 2500 MHz



EM-6996 3.6-cm ball

E-Field Probe

H-Field rejection: 30 dB

Resonant Frequency: > 1000 MHz



EM-6997 6-mm stub tip

E-Field Probe

H-Field rejection: 30 dB

Resonant Frequency > 1500 MHz



*Data shown is typical, not guaranteed.

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