

ELECTROMAGNETIC FIELD ADAPTER, with separate probe

EMF ADAPTER

Model : EMF-824

ISO-9001, CE, IEC1010



LUTRON ELECTRONIC

The Art of Measurement

ELECTROMAGNETIC FIELD ADAPTER

EMF ADAPTER

Model : EMF-824

FEATURES

- * Combine the EMF adapter & the DIGITAL MULTIMETER (set to DC 200 mV range), it can be used a precision EMF METER.
- * The EMF adapter is designed to provide user a quick, reliable and easy way to measure electromagnetic field radiation levels around power lines, home appliances and industrial devices.
- * The EMF adapter is a cost effective, hand-held instrument designed and calibrated to measure electromagnetic field radiation at different bandwidths down to 50 Hz/60 Hz. Use separate probe, easy to operate.

APPLICATIONS

This EMF adapter is specifically designed to determine the magnitude of electromagnetic field radiation generated by power lines, computer's monitor, TV sets, video machinery and many other similar devices.

CAUTION OF ELECTROMAGNETIC FIELD

- * Claims by some scientists that long term exposure to electromagnetic field may be the cause of childhood leukemia & other forms of cancer.
- * Complete answers to any of these and related questions are not currently available. At the present time the most common practice is to avoid excess exposure over long period of time.
- * " Prudent Avoidance " as stated by the Environmental Protection Agency(EPA) USA is recommended.

SPECIFICATIONS

Range	20 micro Tesla, 200 milli Gauss.
Output	1 milli Gauss (0.1 u Tesla) per 1 DC mV
Band width	30 Hz to 300 Hz.
Number of Axes	Single axis.
Sensor Probe	Separate probe.
Accuracy	$\pm (4 \% + 0.5 \text{ mV})$ at 50 Hz/60 Hz.
Meter input Impedance	10 Mega ohm.
Battery	DC 9 V battery (006P, 6F22).
Power Current	Approx. DC 2.4 mA.
Operating Temp.	0 to 50 °C (32 to 122 °F).
Operating Humidity	Less than 80% RH.
Weight	206 g/0.46 LB (including battery).
Dimension	Main instrument : 100 x 50 x 25 mm (3.9 x 2.0 x 1.0 inch). Probe : 175 x 45 x 22 mm (6.9 x 1.8 x 0.9 inch).
Accessories Included	Operation Manual..... 1 PC.

* Appearance and specifications listed in this brochure are subject to change without notice.

0604-EMF824