

## MAGNETIC FIELD PROBES HI-4433-CH Magnetic Field Probe

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For additional frequencies and data ranges, ETS-Lindgren's HI-4433 Series of Broadband Radio Frequency (RF) Isotropic Field Probes are battery-operated and designed for use in making RF exposure measurements.

### Key Features

- Isotropic Magnetic Field Sensing: 5 MHz to 300 MHz
- Automatic Continuous Zeroing
- Fiber Optic Technology
- Data From Each Axis can be Viewed Individually or Summed
- For Use with HI-4416 Readout, HI-4413P Fiber to RS232 Converter or HI-4413USB Fiber to USB Converter
- ProbeView™ LT Software Available for Free Download

### Specifications

#### Electrical Specifications

**Frequency Response:** 5 MHz to 300 MHz, +2.0/-3.0 dB

**Dynamic Range:** 0.1 to 10 A/m

**Battery:** 20 Hours Continuous Operations, 3.6 Vdc, 1400 mA-Hour Rechargeable NiCAD

**Isotropic Deviation:** +/- 0.5 dB

**Data Sample Rate:** 1 to 24 Samples per Second

**Detection:** Isotropic Magnetic Field

**Linearity:** +/- 0.5 dB Full Scale

**Response Time (Minimum):** 86 msec

## Physical Specifications

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**Length:** 560 mm (22.05 in)

**Probe Diameter:** 102 mm (4.02 in)

**Weight :** .54 kg (1.19 lb)

**Operating Temperature:** 10° to 40° C (50° to 104° F)

Humidity, 5 to 95% Relative Humidity Non-condensing

**Fiber Optic Connectors:** Standard FSMA

## Other Specifications

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- Probe and Electronics Housing
- Fast Battery Charger
- Dielectric Handle
- 2 Meter Fiber Cable
- Calibration Certificate
- Manual