

Performance Data Sheet

Please contact ETS-Lindgren Technical Sales Representatives or our Calibration Service Department for further information.



HI-4433 Magnetic Field Probes

HI-4433-HCH

Detection	Isotropic
Frequency Range	5MHz – 300MHz
Dynamic Range	30 mA/m – 3 A/m
Data Sample Rate	1 to 24 Samples per Second
Response Time	86 msec (min)
Calibration Accuracy at Cal Points	± 0.5 dB Absolute Accuracy to NIST ± 1.0 dB
Linearity	± 0.5 dB
Isotropic Deviation	± 0.5 dB
Length	559 mm (22.0 in)
Probe Diameter	102 mm (4.0 in)

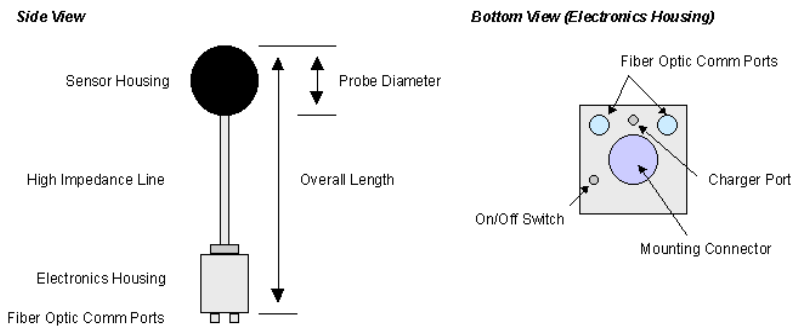
HI-4433-LFH

Detection	Isotropic
Frequency Range	300kHz – 30MHz
Dynamic Range	300 mA/m – 30 A/m
Data Sample Rate	1 to 24 Samples per Second
Response Time	86 msec (min)
Calibration Accuracy at Cal Points	± 0.5 dB Absolute Accuracy to NIST ± 1.0 dB
Linearity	± 0.5 dB
Isotropic Deviation	± 0.5 dB
Length	559 mm (22.0 in)
Probe Diameter	102 mm (4.0 in)

HI-4433-CH

Detection	Isotropic
Frequency Range	5MHz – 300MHz
Dynamic Range	100 mA/m – 10 A/m
Data Sample Rate	1 to 24 Samples per Second
Response Time	86 msec (min)
Calibration Accuracy at Cal Points	± 0.5 dB Absolute Accuracy to NIST ± 1.0 dB
Linearity	± 0.5 dB
Isotropic Deviation	± 0.5 dB
Length	559 mm (22.0 in)
Probe Diameter	102 mm (4.0 in)

Physical Description



Miscellaneous

Environmental Ranges for all HI-4433 Probes

10 – 40°C (50 – 104°F)
5 – 95% Relative Humidity, Non-Condensing
3.6Vdc, 1400mA-hr Rechargeable NiCad
20 Hours Continuous Operation
One Hour Fast Charger Included
0.54kg (19oz.)

Battery

Weight