

Performance Data Sheet

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



HI-4433-HSE

Detection	Isotropic, Diode Sensors
Frequency Range	500kHz – 1.5GHz
Dynamic Range	300 mV/m – 30 V/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	190 mm (7.5 in)

HI-4433-STE

Detection	Isotropic, Diode Sensors
Frequency Range	500kHz – 5.0GHz
Dynamic Range	30 – 3000 V/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)

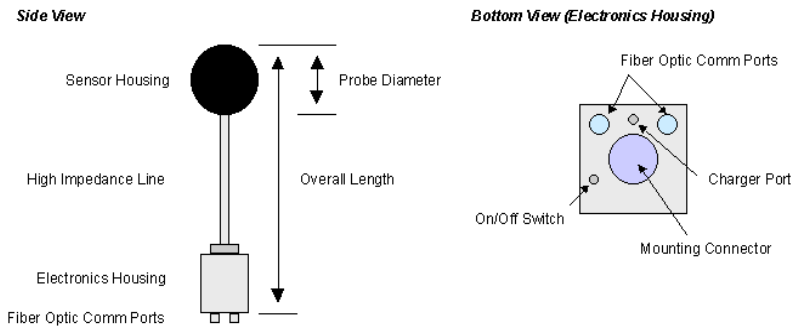
HI-4433-GRE

Detection	Isotropic, Diode Sensors
Frequency Range	500kHz – 5.0GHz
Dynamic Range	3 – 300 V/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-MSE

Detection	Isotropic, Diode Sensors
Frequency Range	500kHz – 5.0GHz
Dynamic Range	10 – 1000 V/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

Battery

Weight

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.)