

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) |

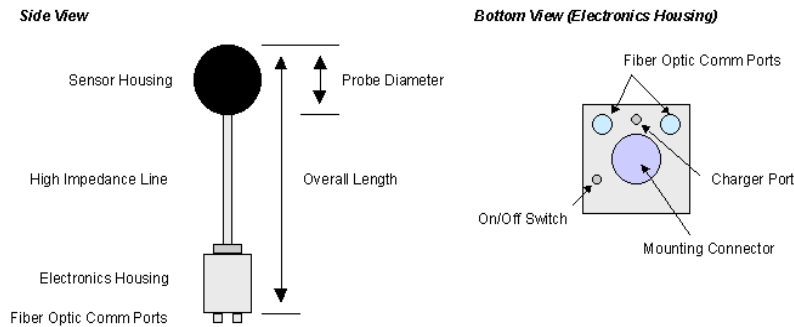
HI-4433-GRE

| | |
|------------------------------------|--|
| 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.)