

Features:

- Wide Frequency Response Down to 10 kHz
- For Use with the HI-4460 and HI-4416 Readout, HI-4413P RS232 Fiber Optic Interface

Dimensions	6.35 x 6.35 x 6.35cm Cube (2.5in)
Weight	3.8cm (1.5in) Sensor Covers 400g (14oz)
Optical Connection	Standard FSMA
Mounting	¼ - 20 UNC Tapped Hole at —



Performance Characteristics

Dynamic Range	1 – 300 V/m
Settable Ranges	Auto, 10, 30, 100, 300 V/m Full Scale
Frequency Range	10kHz – 1GHz (2GHz)
Frequency Response ***	± 0.5 dB (10kHz – 250MHz) ± 1.0 dB (250MHz – 1GHz)
Response Time	40msec (Bus Request-to-Bus Receipt Communication Time)
Probe Processing Time	26msec (within Response Time specification)
Bus Sample Rate	1 – 26 Samples per Second
Data Conversion Rate	2000 Samples per Second (A/D Converter Processing Rate)
Linearity	± 0.5 dB Full Scale
Isotropic Deviation	± 0.5 dB
Accuracy	± 0.5 dB at Calibration Frequencies
Overload Withstand	1000 V/m, All Ranges
Operating Time	40 Hours
Environmental Range	10°C to 40°C 5% to 95% Humidity, Non-Condensing
Battery	3.6Vdc, 1400 mA-Hour Rechargeable NiCAD
Battery Charger	110/220 Vac, One-Hour Fast Charger

*** Frequency Response Data is available to 2GHz. Contact ETS-Lindgren for more information.

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