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7405 E & H Near Field Probe Set

ETS-Lindgren's Model 7405 E & H Near Field Probe Set is a passive, near field probe set designed as a diagnostic aid for locating and characterizing sources of E and H-Field emissions.



Key Features

- Linear Response Specialized Sizes/Shapes for Sensitivity
- Locates Both E- and H-Field Emissions Sources
- Broadband Frequency Range
- Optional Preamplifier for Signal Amplification
- Two Year Warranty

ETS-Lindgren's Model 7405 E & H Near Field Probe Set is a passive, near field probe set designed as a diagnostic aid for locating and characterizing sources of E and H-Field emissions. The Model 7405 E & H Near Field Probe Set consists of three loop probes, one stub and one ball probe, an extension handle, an optional preamplifier, and a foam-lined carrying case with a manual and application note. The handle of each probe terminates in a BNC connector. These probes are designed to be used with a signal analyzing device such as an oscilloscope or spectrum analyzer. The optional preamplifier is useful when signal amplification is necessary for the analyzing device.

Specifications

View the 7405 E & H Near Field Probe Set technical specifications below

Electrical Specifications

Nominal Gain of Optional Preamplifier

Frequency	Gain
100 kHz	35.5 dB
1 MHz	38.1 dB
100 MHz	37.2 dB
1 GHz	32.5 dB
2 GHz	25.0 dB
3 GHz	13.0 dB

Model 7405	E/H or H/E Rejection	Primary Sensor	Probe Type	Upper Resonant
901B	41 dB	H-Field	6.0 cm Loop	790.0 MHz
902B	29 dB	H-Field	3.0 cm Loop	1.5 GHz

903B	11 dB	H-Field	1.0 cm Loop	2.3 GHz
904B	30 dB	E-Field	3.6 cm Ball	>1.0 GHz
905B	30 dB	E-Field	6.0mm Stup Tip	>3.0 GHz
907B	+12.0 dBm (Typical)	3.5 dB (Typical)	100 kHz to 3 GHz	+10.0 dBm

Product Configuration

- Five E- & H-Field Probes
- Coaxial Extension
- Carrying Case

Charts

View the 7405 E & H Near Field Probe Set charts below

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