



# PROBE 02E

Electric Field Probe: E Field, 400 kHz ÷ 40 MHz

## Key Features:

- Frequency range: 400 KHz ÷ 40 MHz
- Dynamic Range: 52 dB
- Directivity: Isotropic



Information subject to change without prior notice

## HAVSCO LTD

Tudor House, Grammar School Road, North Walsham, Norfolk NR28 9JH UK  
T: 016 92 40 06 35 E: [sales@havSCO.co.uk](mailto:sales@havSCO.co.uk) W: [www.havSCO.co.uk](http://www.havSCO.co.uk)



# PROBE 02E

## Electric Field Probe: E Field, 400 kHz ÷ 40 MHz

### DESCRIPTION

The 02E probe is based on a set of three mutually orthogonal diode dipoles. The three voltages which correspond to the spatial components are available individually at the probe output. The NHT 310 or NTH3D meter calculates the resulting isotropic field strength.

The high dynamic range of the probe together with its bandwidth allow it to perform measurements and satisfy the current requirements regarding restrictions of human exposure to electric fields in both public and professional environments. This probe detects electric fields in the 400 kHz to 40 MHz range which typically occur in ISM and Industry.

TECHNICAL SPECIFICATION	
Frequency range	400 kHz ÷ 40 MHz
Type of frequency response	Flat
Measurement range	2 ÷ 800 V/m (cw)
Dynamic range	52 dB
Sensor type	Diode Dipoles
Directivity	Isotropic
Accuracy	
Flatness frequency response	< ±1dB (500 kHz ÷ 40 MHz)
Linearity	± 0.5 dB (2-800 V/m)
Isotropic response ( @ 20 MHz)	± 0.4 dB

GENERAL SPECIFICATION	
Calibration Frequencies	0.5 – 1 – 3 – 5 – 10 – 15 – 20 – 25 - 30 (MHz)
Recommended Calibration Interval	24 months
Operation temperature	0°C ÷ 50°C
Size (mm)	327 x 60 □ (mm)
Weight	120g
Country of origin	Italy

Information subject to change without prior notice

### HAVSCO LTD

Tudor House, Grammar School Road, North Walsham, Norfolk NR28 9JH UK  
 T: 016 92 40 06 35 E: [sales@havsko.co.uk](mailto:sales@havsko.co.uk) W: [www.havsko.co.uk](http://www.havsko.co.uk)