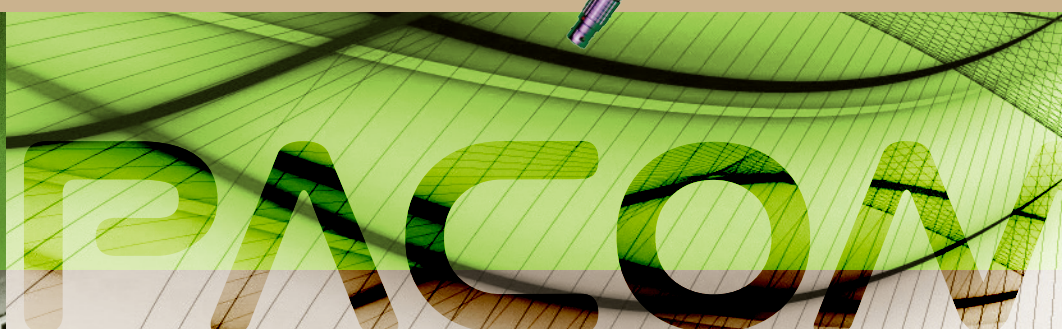


PROBE 11E

Electric field E
5 Hz ÷ 400 kHz



MICR  **RAD**



- > Frequency range: 5 Hz ÷ 400 kHz
- > Dynamic Range: 60 dB
- > Directivity: Isotropic

D. Lgs. 81–2008

ICNIRP 1998 / 2010

2004/40/CE e succ.

CEI 211–6

EN 50499

STANDARDS & GUIDE LINES

The 11E probe is based on a set of three mutually orthogonal capacitors. The high dynamic range together with the bandwidth satisfy the current requirements for assessment of electric field related to human exposure restrictions for both the population that occupational.

The three voltages, corresponding to the spatial components, are available individually at the probe output. The NHT 310 meter calculates the resulting isotropic field strength.

The probe detects fields in frequencies between 5 Hz and 400 kHz covering the fields generated by sources typical of the environments of high power lines and transformation stations of electricity.

Typical Applications

- High Power Lines.
- Transformation stations of electricity

TECHNICAL SPECIFICATION

Frequency range		5 Hz ÷ 400 kHz
Type of frequency response		Flat
Measurement range		20 V/m ÷ 20 kV/m (cw)
Dynamic range		60 dB
Sensor type		Capacitors
Directivity		Isotropic
Accuracy	Flatness frequency response	± 5% dB (50 Hz ÷ 50 kHz)
	Linearity	± 6% (> 200 V/m)
	Isotropic response (@100 MHz)	± 0.5 dB

GENERAL SPECIFICATION

Calibration Frequencies	5–15–50–100–500–1500–5000–15000–50000–100000–400000 (Hz)
Recommended Calibration Interval	24 months
Operation temperature	0 °C ÷ 50 °C
Size (mm)	365 x 120 (mm)
Weight	210 g
Country of origin	Italy



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