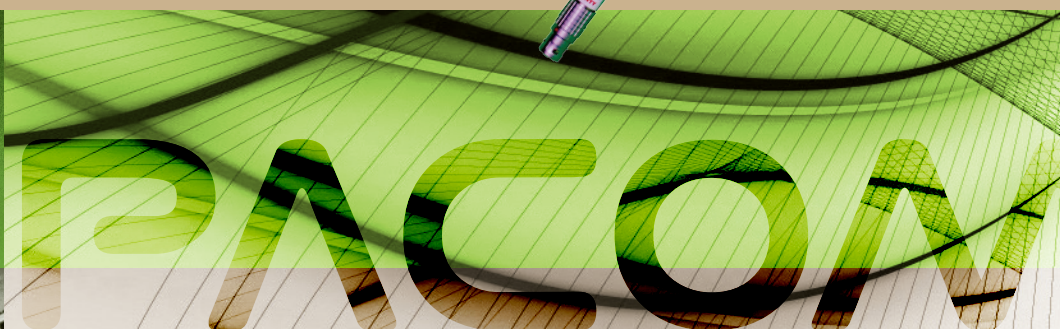
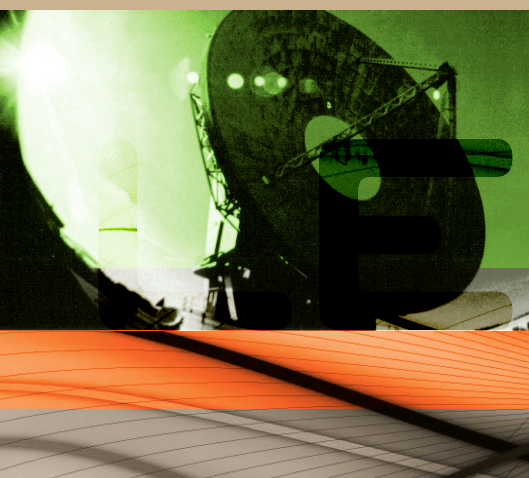


PROBE 04E

Electric field E
3 MHz ÷ 40 GHz



MICR  RAD



- > Frequency range: 3 MHz ÷ 40 GHz
- > Dynamic Range: 60 dB
- > Directivity: Isotropic

D. Lgs. 81–2008

ICNIRP 1998 / 2010

2004/40/CE e succ.

CEI 211–7

EN 50499

STANDARDS & GUIDE LINES

The probe 04E is based on a set of three mutually orthogonal diode dipoles. 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 electric fields from 3 MHz to 40 GHz, covering the fields that occur in broadcasting, telecoms, ISM and industry.

The high sensitivity together with the linearity satisfy the current requirements for assessment of electric field related to human exposure restrictions for both the population that occupational.

Typical Applications

- Radio Links.
- Satellite Communications, broadcast towers.
- Microwave Leak detection.

CARATTERISTICHE TECNICHE

Frequency range		3 MHz ÷ 40 GHz
Type of frequency response		Flat
Measurement range		0.5 ÷ 350 V/m (cw)
Dynamic range		> 56 dB
Sensor type		Diode based system
Directivity		Isotropic (Tri-axial)
Accuracy	Flatness frequency response	- 3 / 0 dB (3 MHz ÷ 10 MHz)
		± 0.8 dB (10 MHz ÷ 1.8 GHz)
		± 3 dB (1.8 GHz ÷ 18 GHz)
		± 5 dB (18 GHz ÷ 40 GHz)
	Linearity	± 0.5 dB (2 ÷ 350 V/m)
Isotropic response (@ 100 MHz)		± 0.4 dB
Isotropic response (@ 1 GHz)		± 0.5 dB

SPECIFICHE GENERALI

Calibration Frequencies	3-5-7-10-20-50-80-100-200-300-500-850-900-950-1000-1800-2100-2500-3000-5000-8000-10000-13000-15000-18000-25000-26500-30000-35000-36000-38000-40000 (MHz)
Recommended Calibration Interval	24 mesi
Operation temperature	0 °C ÷ 50 °C
Size (mm)	327 x 60 (mm)
Weight	120 g
Country of origin	Italia



00144 Roma - Italia | Via Amsterdam, 120

tel +39 06 8117 8951/2 | fax +39 06 6220 6110 | info@lepacom.com | www.lepacom.com