

### ELECTRIC FIELD PROBES

	<b>WPT</b> <b>MOBILE TELEPHONY PROBE</b>	<b>WPF3</b> <b>BROAD BAND PROBE</b>
Sensor type	Isotropic, True RMS	Isotropic, RMS diode technology
Frequency band	GSM900, GSM1800 and UMTS	100 kHz – 3 GHz
Range	0.06 – 61 V/m (RMS)	0.5 – 150 V/m (CW) 0.5 – 25 V/m (RMS)
Dynamic range	> 60 dB	49 dB
Sensitivity	0.06 V/m	0.5 V/m
Resolution	0.1 dB	< 0.05 V/m (0.5 - 7.5 V/m) (Typ) < 0.3 V/m (7.5 - 25 V/m) (Typ) < 0.2 V/m (25 - 250 V/m) (Typ)
Interband attenuation	>15 dB between GSM900 – GSM1800 >5 dB between GSM1800 – UMTS	
Frequency response	± 1.5 dB	± 2 dB (1 MHz – 3 GHz) (20 V/m)
Linearity	< ± 0.6 dB	< ± 0.5 dB (0.5 - 120 V/m)
Isotropic deviation	< ± 0.5 dB	± 1 dB
Calibration	Internal EEPROM memory	Internal EEPROM memory
Calibration period	24 months (recommended)	24 months (recommended)
Operating temperature	-30°C to +80°C	-10°C to 50°C
Dimensions	28.5 x 10.5 x 10.5 cm.	28.4 cm. x 6 cm. (diameter)
Weight	140 g.	92 g.



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