



WPF18 Probe

300 kHz – 18 GHz



- Electric field measurement
- Isotropic & True RMS measurement
- High sensitivity from 0.5 V/m
- Excellent attenuation at 50/60 Hz
- Measurements in accordance with International Standards

300 kHz – 18 GHz

E

RMS

ISOTROPIC



Telecommunications
Certification and audit of telecommunication services (GSM, 3G, LTE, TDT, FM, WiFi, etc.).



Industry
Assessment of industrial processes for worker's exposure protection.



Defence
Assessment of military sites and personnel exposure protection.



Labs/R&D
RF exposure protection of R&D and labs personnel.



Technical Specifications

	WPF18	WPF18-HP High Power version
Frequency range	300 kHz – 18 GHz	
Sensor type	Isotropic RMS diode technology	
Type of frequency response	Flat	
Measurement range	0.5 – 250 V/m (CW) 0.5 – 30 V/m (RMS)	0.5 – 1000 V/m (CW) 0.5 – 30 V/m (RMS)
Dynamic range	54 dB	66 dB
Sensitivity	0.5 V/m	
Resolution	0.1 V/m (from 10 V/m to 250 V/m)	
Frequency response (*)	±2 dB (1 MHz – 5 GHz) +0 / -6 dB (5 GHz – 18 GHz)	
Linearity	±0.5 dB (1 V/m – 150 V/m)	
Isotropic deviation	±1.2 dB (up to 10 GHz) ±3 dB (10 GHz – 18 GHz)	
Calibration	ISO 17025 Accredited Calibration (ILAC)	
Calibration period	24 months (recommended)	
Temperature range	-20 °C to 50 °C	
Temperature response	+0.1 / -1 dB (related to 20 °C)	
Dimensions	28.4 cm x 6 cm Ø	
Weight	95 g	
Attenuation at 50/60 Hz	> 60 dB	

(*) The frequency response can be corrected with the SMP2 by using the correction factors stored in the probe (ISO 17025 accredited calibration).

Compatible with **SMP2**, **MonitEM**, **MapEM**

Product specifications and descriptions in this document subject to change without notice.



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