

WPF18 Field Probe

300 kHz - 18 GHz



- **High sensitivity** from 0.5 V/m
- **Isotropic and RMS** measurement
- **Excellent attenuation** at 50/60 Hz
- **Meets international standards**

300 kHz - 18 GHz

E

RMS

ISOTROPIC



Telecommunications: certification and audit of telecommunication services (GSM, 3G, LTE, TDT, AM, 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)
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	> 80 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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