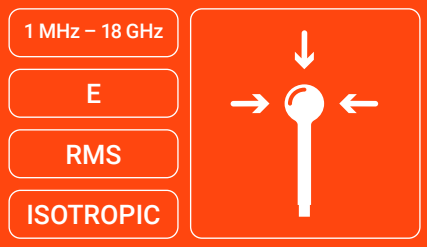
WPF18 Probe
1 MHz – 18 GHz

- **Electric field measurement**
- **Isotropic & True RMS measurement**
- **Excellent attenuation at 50/60 Hz**
- **Measurements in accordance with International Standards**



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

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

Radar/Aerospace
Assessment of radar and aerospace sites and personnel exposure protection.

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



Technical Specifications

	WPF18	WPF18-FAST
Part number	WWP0903	WWP0913
Frequency range	1 MHz – 18 GHz	
Sensor type	Isotropic RMS diode technology	
Type of frequency response	Flat	
Measurement range	0.5 – 1000 V/m (CW) 0.5 – 50 V/m (True RMS)	
Dynamic range	66 dB	
CW damage Level	1200 V/m	
Integration time	400 ms (higher 50/60 Hz immunity)	4 ms (fast mode switchable)
Frequency response (*)	>-3dB @ 1 MHz ±2 dB (2 MHz - 15 GHz) +1/-3 dB (15 GHz - 18 GHz)	
Linearity	±1 dB (1 – 3 V/m) ± 0.5 dB (3 - 200 V/m)	
Isotropic deviation	±1 dB (1 MHz - 12 GHz) ±2 dB (12 GHz - 18 GHz)	
Resolution	< 5 %	
Calibration	ISO 17025 Accredited Calibration (ILAC) (**)	
Calibration period	24 months (recommended)	
Temperature range	-20 ºC to 50 ºC	
Temperature response	+0.1 / -1 dB (related to 20 ºC)	
Dimensions	28,4 cm X 6 cm Ø (11.2" x 2.3" Ø)	
Weight	95 g (3.4 oz.)	
Attenuation at 50/60 Hz	> 70 dB	> 55 dB

(*) The frequency response can be corrected with the SMP2/SMP3 by using the correction factors stored in the probe (ISO 17025 accredited calibration).
(**) In combination with SMP2, SMP3, MonitEM, MonitEM-LAB devices.

Compatible with SMP3, SMP2, MonitEM, MapEM, MonitEM-Lab

WPF18_EN_2607_v2.7

WAVECONTROL
Safety, Quality, Service

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