

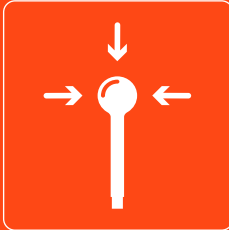
WPF18 Probe

1 MHz – 18 GHz



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

- 1 MHz – 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.



Defense
Assessment of military 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 (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)	
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 (11.2" x 2.3" Ø)	
Weight	95 g (3.4 oz.)	

(*) 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_2407_v2