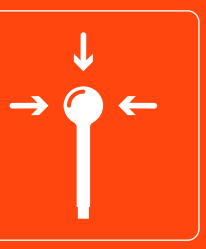
WPF90 Probe
30 MHz – 90 GHz

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

30 MHz - 90 GHz
E
RMS
ISOTROPIC



Telecommunications
Certification and audit of telecommunication services (GSM, 3G, 4G, 5G, FR1, FR2, 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

	WPF90	WPF90 FAST
Part Number	WWP2601	WWP2602
Frequency range	30 MHz - 90 GHz	
Sensor type	Isotropic RMS diode technology	
Type of frequency response	Flat	
Measurement range	1.2 – 1000 V/m (CW) 1.2 – 70 V/m (True RMS)	
Dynamic range	58 dB	
Sensitivity	1.2 V/m	
Integration time	500 ms	4 ms
Frequency response (*)	± 3 dB (30 MHz – 50 GHz) ± 1/-6 dB (50 GHz – 60 GHz) 0/-10 dB (60 GHz – 90 GHz)	
Linearity	± 1 dB (2 – 250 V/m)	
Isotropic deviation	± 1 dB (< 12 GHz) ± 2 dB (12 GHz to 60 GHz) ± 3.5 dB (60 GHz to 90 GHz)	
Damage level (CW)	1200 V/m	
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	
Weight	95 g	
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 during calibration.

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

WAVECONTROL
Safety, Quality, Service

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

WPF90_EN_2607_v1.5