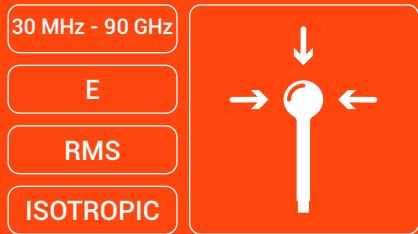


WPF90 Probe

30 MHz – 90 GHz



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



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 °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	> 40 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

Wavecontrol S.L.
Barcelona, Spain
+34 933 208 055
info@wavecontrol.com

Wavecontrol Inc.
New Jersey, USA
+1 201 479 9022
sales@wavecontrol.com

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