WPF40 Probe
1 MHz – 40 GHz

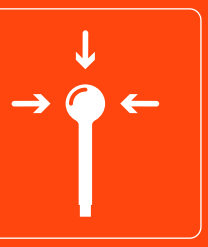
- Electric field measurement
- Isotropic & True RMS measurement
- High dynamic range of 60 dB
- Excellent attenuation at 50/60 Hz
- Measurements in accordance with International Standards

1 MHz - 40 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.

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

	WPF40	WPF40 FAST
Part Number	WWP1401	WWP1402
Frequency range	1 MHz - 40 GHz	
Sensor type	Isotropic RMS diode technology	
Type of frequency response	Flat	
Measurement range	1 – 1000 V/m (CW) 1 – 55 V/m (True RMS)	
Dynamic range	60 dB	
Sensitivity	1 V/m	
Integration time	500 ms	4 ms
Frequency response (*)	± 2 dB (2 MHz – 17 GHz) ± 3 dB (17 GHz – 40 GHz) - 3 dB @ 1 MHz	
Linearity	± 2 dB (1 - 2 V/m) ± 1 dB (2 - 250 V/m) ± 1.5 dB (2 - 1000 V/m)	
Isotropic deviation	± 1 dB (< 12 GHz) ± 1.5 dB (> 12 - 20 GHz) ± 2 dB (> 20 - 40 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 (ISO 17025 accredited calibration).

Compatible with SMP3, SMP2, MonitEM, MapEM

WAVECONTROL
Safety, Quality, Service

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