

# WPF60S Probe

## 1 MHz – 60 GHz



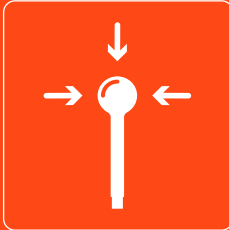
- Shaped
- Isotropic & True RMS measurement
- Excellent attenuation at 50/60 Hz
- Measurements in accordance with International Standards

1 MHz - 60 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.



### Defence

Assessment of military sites and personnel exposure protection.



### Labs/R&D

RF exposure protection of R&D and labs personnel.

## Technical Specifications

Frequency range	1 MHz - 60 GHz	
Sensor type	Isotropic RMS diode technology	
Type of frequency response	Shaped (FCC or ICNIRP 1998)	
Measurement range	0.1 - 800 % (CW)	
Power density	0.1% - 35% (RMS)	
Dynamic range	39 dB	
Sensitivity	0.1 %	
Frequency response (*)	ICNIRP 1998	FCC
	1 MHz - 35 GHz: $\pm 4$ dB 35 GHz - 60 GHz: $\pm 7$ dB	1 MHz: -6 dB 2 MHz - 35 GHz: $\pm 3.5$ dB 35 GHz - 60 GHz: $\pm 7$ dB
Linearity	$\pm 2$ dB (1 - 2 V/m)	
	$\pm 1$ dB (2 - 250 V/m)	
Isotropic deviation	$\pm 1.5$ dB (< 16 GHz)	
	$\pm 3$ dB (16 GHz - 30 GHz)	
	$\pm 5$ dB (30 - 60 GHz)	
Damage level (CW)	2500 %	
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 $\varnothing$	
Weight	95 g	
Attenuation at 50/60 Hz	> 40 dB	

(\*) The frequency response can be corrected with the SMP2 by using the correction factors stored in the probe (ISO 17025 accredited calibration).

## Compatible with SMP2

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



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