

WPF60S Probe

1 MHz – 60 GHz



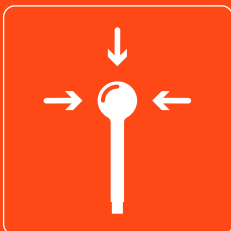
- Shaped
- Isotropic & True RMS measurement
- Excellent attenuation at 50/60 Hz
- Measurements in accordance with International Standards

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: ± 4 dB 35 GHz - 60 GHz: ± 7 dB	1 MHz: -6 dB 2 MHz - 35 GHz: ± 3.5 dB 35 GHz - 60 GHz: ± 7 dB
Linearity	± 2 dB (1 - 2 V/m)	
	± 1 dB (2 - 250 V/m)	
Isotropic deviation	± 1.5 dB (< 16 GHz)	
	± 3 dB (16 GHz - 30 GHz)	
	± 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.



WPF60S_EN_2002_v0.1