

# WPF40 Probe

## 20 MHz – 40 GHz



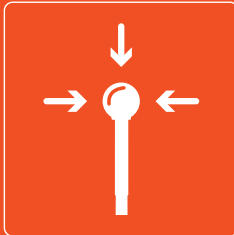
- High dynamic range of 60 dB
- Isotropic and RMS measurement
- Excellent attenuation at 50/60 Hz
- Meets international standards

20 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.



**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	20 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 (RMS)
Dynamic range	60 dB
Sensitivity	1 V/m
Frequency response	± 2 dB (30 MHz - 30 GHz) + 0 / - 4 dB (30 MHz - 35 GHz) + 0 / - 6 dB (35 GHz - 40 GHz) - 3 dB @ 20 MHz
Linearity	± 2 dB (1 - 2 V/m) ± 1 dB (2 - 250 V/m)
Isotopic deviation	± 1 dB (< 12 GHz) ± 2 dB (12 GHz to 40 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



WPF40\_EN1701\_V01

Compatible with **SMP2**, **MonitEM**, **MapEM**

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