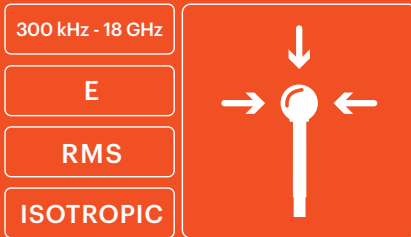


WPF18 Probe

300 kHz - 18 GHz



- High sensitivity from 0.5 V/m
- Isotropic and RMS measurement
- Excellent attenuation at 50/60 Hz
- Meets international standards



Telecommunications: certification and audit of telecommunication services (GSM, 3G, LTE, TDT, AM, 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

| | WPF18 | WPF18-HP High Power version |
|----------------------------|---|--------------------------------|
| Frequency range | 300 kHz - 18 GHz | |
| Sensor type | Isotropic RMS diode technology | |
| Type of frequency response | Flat | |
| Measurement range | 0.5 - 250 V/m (CW) 0.5 - 30 V/m (RMS) | 0.5 - 1000 V/m (CW) |
| Dynamic range | 54 dB | 66 dB |
| Sensitivity | 0.5 V/m | |
| Resolution | < 5 % | |
| Frequency response | ± 2 dB (1 MHz - 5 GHz) +0 / -6 dB (5 GHz - 18 GHz) | |
| Linearity | ± 0.5 dB (1 V/m - 150 V/m) | |
| Isotopic deviation | ± 1.2 dB (up to 10 GHz) ± 3 dB (10 GHz - 18 GHz) | |
| 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 | > 80 dB | |

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



WPF18_HP_0416_EN_V11