

# WPF6 Probe

## 100 kHz - 6 GHz



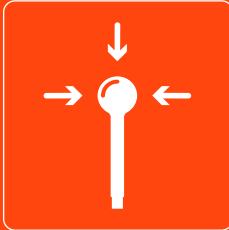
- High sensitivity from 0.2 V/m
- Isotropic & True RMS measurement
- Excellent attenuation at 50/60 Hz
- Measurements in accordance with International Standards

100 kHz - 6 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

|                            | WPF6   | WPF6-HP<br>High Power version                  |
|----------------------------|--|--|
| Part Number                | WWP0601  | WWP0602  |
| Frequency range            | 100 kHz – 6 GHz  |  |
| Sensor type                | Isotropic<br>RMS diode technology  |  |
| Type of frequency response | Flat   |  |
| Measurement range          | 0.2 – 130 V/m (CW)<br>0.2 – 20 V/m (True RMS)  | 0.2 – 1000 V/m (CW)<br>0.2 – 20 V/m (True RMS) |
| Dynamic range              | 56 dB  | 73 dB  |
| Sensitivity                | 0.2 V/m  |  |
| Resolution                 | 0.02 V/m (until 7.5 V/m)<br>0.1 V/m (from 7.5 V/m to 130 V/m)                                  |  |
| Frequency response (*)     | Better than -3 dB @ 100 kHz<br>± 1.5 dB (250 kHz – 5.5 GHz)<br>Better than -2 dB (5.5 – 6 GHz) |  |
| Linearity                  | ± 0.5 dB (0.5 V/m – 100 V/m)   |  |
| Isotropic deviation        | ± 0.3 dB (1 GHz)<br>± 1 dB (6 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  |  |

(\*) The frequency response can be corrected with the SMP3/SMP2 by using the correction factors stored in the probe (ISO 17025 accredited calibration).

Compatible with **SMP3**, **SMP2**, **MonitEM**, **MapEM**



WPF6\_EN\_2601\_v2.6



Myriad Electronic Solutions Inc. d.b.a. ES Canada  
Unit 221 – 2323 Quebec St - Vancouver, BC V5T 4S7



+1 800-495-4321



info@es-canada.com  
www.es-canada.com