

MODEL NUMBER:  
**EFP60G**

## ISOTROPIC ELECTRIC FIELD PROBE 2 MHZ- 60 GHZ, 4 V/M -1000 V/M

Ultrabroadband isotropic electric field probe EFP60G extends the requirements of most EMC and RF safety standards for industrial, military and communication applications. It covers all RF and microwave frequency bands from MF up to M band, thus providing a versatile measuring tool for all 5G upcoming applications.

### MAIN PARAMETERS\*

• Diode based:	3-Axial isotropic sensor
• Frequency range:	2 MHz - 60 GHz
• Field strength range:	4 V/m-1000 V/m. 4 uW/cm <sup>2</sup> - 270 mW/cm <sup>2</sup>
• Linearity:	+/- 1.5 dB
• Linear power RMS response	up to 150V/m (6 mW/cm <sup>2</sup> )
• Frequency resp. (no corr. factors):	2 MHz-1 GHz (+/-2 dB) 1- 26 GHz (+0/-6 dB) 26 - 60 GHz (+/- 6 dB)
• Frequency resp, (with corr. factors):	+/- 1.5 dB
• Measurement uncertainty, including the calibration and rotational deviation	+/- 4.5 dB
• Rotational isotropicity:	+/-3 dB
• Temperature:	5-40 °C
• Humidity (non-condensing):	RH 10-90%
• Temperature error:	0.05 dB/°C
• UK NPL traceable calibration	
• Probe size (LxD):	12.0"x2.25" (310x58 mm)
• Weight (probe and power unit):	0.17 lb (76 g).
• Operates with RFP-05M/RFP-05 meters	
• Designed and made in the USA.	

\*Specification may be changed to reflect the design progress.



Probe EFP60G



Meter RFP