

MODEL NUMBER:
EFP40G

Isotropic Ultra Broadband Electric Field Probe 1 MHz- 40 GHz, 2 - 1000 V/m

Modern design probe EFP40G, extends the requirements of most EMC and RF safety standards for industrial, military and radar communication applications. High overload field strength limit and operation up to 40 GHz makes this probe a versatile measuring tool for all applications including the microwave K-Band.

MAIN PARAMETERS*

- Diode based: 3-Axial isotropic sensor.

Sensitivity:	1.2 V/m
Linearity:	+/- 0.5 dB (2-400 V/m), +/- 1 dB (400-1000 V/m)
Dynamic range:	>56 dB (single range).
Frequency response (without correction factors):	+/- 3 dB (1 MHz-3 GHz), -3 dB @ 1 MHz +6/-0 dB (3 GHz-18 GHz) +/- 3 dB (18 GHz-40 GHz)
Frequency response (with correction factors):	+/- 1 dB (1 MHz-12 GHz), +/- 2 dB (12 GHz-40 GHz)
Rotational isotropicity:	+/- 0.5 dB (1 MHz-3 GHz), +/- 1.5 dB (3 GHz - 12 GHz) +/- 3 dB (12 GHz - 40 GHz)
Calibration accuracy (at specified freq.):	<1 dB.
Temperature:	5-40 °C
Humidity:	RH 10-90%, non-condensing.
Temperature error:	<0.05 dB/°C (field > 5 V/m)
UK NPL traceable calibration	
Small size (LxD):	9.0x2.25 inch, 230x58 mm
Weight:	0.2 lb, 100 g
Operates with RFM-05 meters	
Designed and made in the USA	



Meter RFM-05

* Specification may be changed to reflect the design progress.

