

MODEL NUMBER:
EFP18G

Isotropic Broadband Electric Field Probe 3MHz- 18 GHz, 0.8 - 800 V/m

Classic design probe EFP18G, meets the requirements of most EMC and RF safety standards for industrial, military and radar communication applications. High overload limit and stability of the parameters make this probe a versatile measuring tool for all use cases.

MAIN PARAMETERS*

- Diode based: 3-Axial isotropic sensor

Sensitivity:	0.8 V/m.
Linearity:	+/- 0.5 dB (1-400 V/m), +/- 1 dB (400-800 V/m)
Dynamic range:	>60 dB (single range)
Frequency response (without correction factors):	+/- 1.5 dB (10 MHz-6 GHz), -3 dB @ 3 MHz, +/- 3 dB (6 GHz-12 GHz)
Frequency response (with correction factors):	+/- 1.0 dB (10 MHz-12 GHz), +/- 3 dB (12 GHz-18 GHz)
Rotational isotropicity:	+/- 0.5 dB (3 MHz-6 GHz), +/- 2 dB (6 GHz -18 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 > 2 V/m)

UK NPL or NIST traceable calibration

Small size (LxD):	9.0x2.25 inch, 230x58 mm.
Weight:	0.2 lb, 100 g
Operates with both RFM-04 and RFM-05 meters	
Designed and made in the USA	

* All system parameters are given for RFM-05 meter.

* Specification may be changed to reflect the design progress.



RFM-04



RFM-05