**Probe PI-01C**
for Smart Fieldmeter® and Smart Fieldmeter® Digital

**Isotropic Selective Electric Field Probe**
**PI-01C**: 500-2000 MHz, 0.5 - 600 V/m

Electric field probe PI-01C was designed for selective RF measurements. The ability to attenuate the signals above 3 GHz and reject signals below 300 MHz makes it invaluable tool for cell phone tower certification.

**Main Parameters**

- **Diode based**: 3-Axial isotropic sensor.
- **Sensitivity**: 0.5 V/m.
- **Linearity**: +/- 0.5 dB (1-400 V/m).
- **Dynamic range**: >62 dB (single range).
- **In band response**: 800-1000 MHz (+0/-1 dB)
  500-2000 MHz (+0/-3 dB).
- **Off band attenuation**: >6 dB, F<200 MHz, F>3 GHz
- **Calibration accuracy**: <1 dB (@942.5 MHz).
- **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 RFP-04HF and RFP-05 meters**.
- **Designed and made in the USA**.

**Probe PI-01C Frequency Response**

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