

TECHNICAL DATA

Fluke 85RF High Frequency Probe



Product overview: Fluke 85RF High Frequency Probe

The 85RF High Frequency Probe is designed to convert a DC voltmeter with a input impedance of 10M ohms into a high frequency (100 kHz to 500 Mhz) RF voltmeter. Conversion from AC to DC is accomplished on a one-to-one basis includes a range of 0.25 to 30 Vrms. The probe's DC output is calibrated to be equivalent to the rms value of a sine wave input.

Specifications: Fluke 85RF High Frequency Probe

| Specifications | |
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| Voltage range | 0.25 to 30 Vrms |
| Maximum input voltage | 30 Vrms, 200 VDC |
| AC to DC ratio | 1:1 |
| Ratio Accuracy (At 25 MHz and loaded with 10 M ohm) Above 0.5 V | ±0.5 dB |
| | Below 0.5 V: ±1.0 dB |
| | Add ±0.2 dB in RF fields of 1 to 3 V/m |
| Frequency response (relative to 25 MHz) | 100 KHz to 100 MHz ±0.5 dB |
| | 100 MHz to 200 MHz ±2.0 dB |
| | 200 MHz to 500 MHz ±3.0 dB |

Ordering information



Fluke 85RF



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