

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	
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 $\pm 0.5$ dB
	100 MHz to 200 MHz $\pm 2.0$ dB
	200 MHz to 500 MHz $\pm 3.0$ dB

## Ordering information



**Fluke 85RF**

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