

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 ±0.5 dB
	100 MHz to 200 MHz ±2.0 dB
	200 MHz to 500 MHz ±3.0 dB

## Ordering information



**Fluke 85RF**

**Fluke.** *Keeping your world up and running.*®

**Fluke Corporation**  
PO Box 9090, Everett, WA 98206 U.S.A.

**For more information call:**  
In the U.S.A. (800) 443-5853  
In Europe/M-East/Africa  
+31 (0)40 267 5100  
In Canada (800)-36-FLUKE  
From other countries +1 (425) 446-5500  
[www.fluke.com/en-th](http://www.fluke.com/en-th)

©2022 Fluke Corporation. Specifications subject to  
change without notice.  
01/2022

**Modification of this document is not permitted  
without written permission from Fluke Corporation.**