

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

Fluke Electronics (Malaysia) Sdn Bhd

Suite D-3A-4, Block D

SouthGage Commercial Centre, No2

Jalan Dua Off Jln Chan Sow Lin

55200 KL

Malaysia

Email: info.asean@fluke.com

www.fluke.com/my

©2025 Fluke Corporation. Specifications subject to change without notice.

12/2025

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