

TECHNICAL DATA

Fluke VPS510-R ScopeMeter® Compact Probe



Key features

- Ideal for small electronics applications
- Compact size designed for lower voltage applications
- Double insulated, 300 V CAT III rated
- 10:1 voltage ratio and 500 MHz bandwidth
- Available in red, blue, grey, and green

Product overview: Fluke VPS510-R ScopeMeter® Compact Probe

Use the Fluke VPS510-R (Red) Compact Voltage Probe with the [Fluke 190 Series III](#) and Series II Portable Oscilloscopes or with the [MDA-500 Series Motor Drive Analyzers](#). These double insulated compact probes offer a 10:1 voltage ratio, and 500 MHz bandwidth making them ideal for small electronics applications. For industrial applications consider Fluke [VPS410-II-R Voltage Probes](#) or [VPS421 Series High Voltage Probes](#).

Specifications: Fluke VPS510-R ScopeMeter® Compact Probe

Specifications*

Attenuation	10:1
-------------	------

Bandwidth	500 MHz
Max. input voltage	CAT III 300 V
Max. voltage to ground	CAT III 300 V
Input Resistance	10 MΩ
Input Capacitance	11.5 ± 1 pF
Compensation range	10...25 pF
Cable Length	1.2 m (3.9 ft)
Safety	IEC / EN 61010-031 UL 61010-031 CSA C22.2 No. 1010.2.031
Max. Altitude	2000 m
Pollution Degree	2
Protection Class	II (double insulation)

*Specification of probe is valid only when used with Fluke ScopeMeter 190-xxx models and MDA-500 series.

Ordering information



Fluke VPS510-R

ScopeMeter® Compact Probe for electronic applications

-
- (1) Red voltage probe
 - (1) Black hook clip for probe tip
 - (1) Black ground lead with mini alligator clip
 - (1) Ground spring for probe tip (CAT II 30 V max.)
 - (1) Insulation sleeve for probe tip
 - (1) BNC to probe tip adapter
 - (1) Adjustment tool
-

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.