

# 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\*

|           |      |
|-----------|------|
| Aenuation | 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<br>UL 61010-031<br>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



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