



## VPS410-x 300 MHz

## 10:1 Voltage Probe Set,



## VPS410-II-x 10:1 Voltage Probe Set, 500 MHz

**Double insulated voltage probe sets for ScopeMeter 190-Series II testtools, targeting industrial applications.**

For electronics applications, the more compact [VPS510](#) series is recommended. For a side-by-side comparison of these two probe series, click [here](#).

### Models and Colors available:

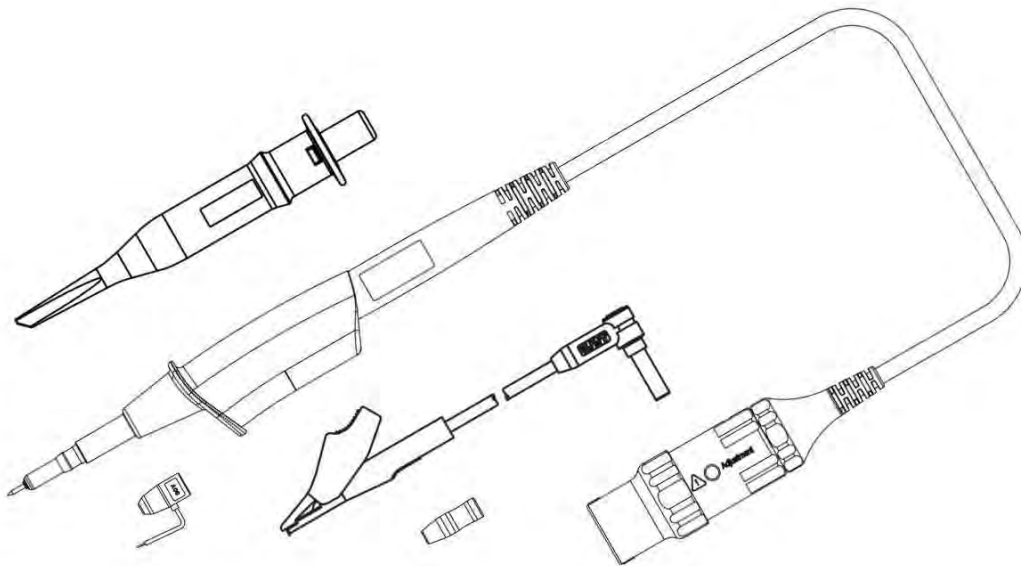
VPS410-R	Red, 10:1, 300 MHz
VPS410-B	Blue, 10:1, 300 MHz
VPS410-G	Grey, 10:1, 300 MHz
VPS410-V	Green, 10:1, 300 MHz
VPS410-II-R	Red, 10:1, 500 MHz
VPS410-II-B	Blue, 10:1, 500 MHz
VPS410-II-G	Grey, 10:1, 500 MHz
VPS410-II-V	Green, 10:1, 500 MHz

The most visible difference between the VPS410 and VPS410-II is in the use of a black ring on the BNC-connector for the VPS410 (as seen on the photograph, left, top section), versus a colored ring on the VPS410-II (see photo, lower section).

And, of course, the typenumber is included on the side of the probe body.

	VPS410-x	VPS410-II-x
Specification valid when probe is used with model:	190-series-II	190-50x
Voltage attenuation:	10:1	10:1
Bandwidth:	300 MHz	500 MHz
Maximum input voltage:	CAT III 1000V / CAT IV 600V	
Maximum Voltage to ground:	CAT III 1000V / CAT IV 600V	
Input Resistance:	10 MOhm	
Input Capacitance:	12 pF nom.	11.5 pF nom.
Compensation Range:	10 ~ 22 pF	
Cable length:	1.2m (3.9 ft)	

Safety:	IEC/EN 61010-031:2008 UL 61010B-031 CSA C22.2 No. 1010.2.031
Working Voltage:	1000V CAT III / 600V CAT IV
Each probe set includes:	<ul style="list-style-type: none"> <li>* Probe assembly (main item),</li> <li>* Hook clip for probe tip (black),</li> <li>* Insulation sleeve for probe tip (black),</li> <li>* Reference lead with mini alligator clip (black),</li> <li>* Ground spring (black).</li> </ul>
NOTE: Always apply either the insulation sleeve or the hook clip over the probe tip, when using the ground lead !	
Probe accessories available as replacement: refer to <a href="#">RS400</a> . For additional probe accessories, refer to <a href="#">AS400</a>	
Specification valid when used with Fluke 190-Series II ScopeMeter testtool (see note)	
<p>Note: the specification and the voltage rating of these probes are optimized for use with the 190-series-II instruments.</p> <p>These probes may also be used with the Fluke 190C-series and with earlier ScopeMeter models, however special care should be taken when it comes to the overall specification of such combination.</p> <p>The overall rating is determined by the part that has the lowest rating ('the weakest link').</p>	



#### Models and Colors available

VPS410-R    Red    Fluke item# 3894707

VPS410-B	Blue	Fluke item# 3894718
VPS410-G	Grey	Fluke item# 3894729
VPS410-V	Green	Fluke item# 3894734
VPS410-II-R	Red	Fluke item# 4276928
VPS410-II-B	Blue	Fluke item# 4276937
VPS410-II-G	Grey	Fluke item# 4276943
VPS410-II-V	Green	Fluke item# 4276955

# VPS510-x Wide Bandwidth 10:1 Voltage Probe set



Double insulated, safety designed, wide bandwidth probe-set for ScopeMeter 190 Series II.  
Compact size, targeting electronics applications.

Bandwidth: 500 MHz (when used with 190-50x)  
Voltage Ratio: 10:1

#### Colors available:

VPS510-R red  
VPS510-B blue  
VPS510-G grey

VPS510-V green

For industrial applications, the larger size [VPS410-II](#) series is recommended as its size better suits the industrial environment. On top, that probe set has been designed, tested and approved for higher category rated applications. For a side-by-side comparison of these two probe series, click [here](#).

#### Each probe set VPS510 includes:

##### 300V CAT III rated:

10:1 Voltage Probe	1 red / blue / grey / green
Hook Clip for Probe Tip	1 black
Insulation sleeve	1 black
Ground Lead with Mini Alligator Clip	1 black
BNC to probetip adapter	1 black

##### 30V CAT II rated:

Ground Spring for Probe Tip	1 black
Insulated miniature screwdriver for adjustment purposes.	1 black

Listed probe accessories are available as replacement set [RS500](#)

#### Specification

Voltage Attenuation:	10:1
Bandwidth:	500 MHz
Max Input Voltage:	300 V CAT III
Max Voltage to ground:	300 V CAT III
Input Resistance:	10 M-ohm
Input Capacitance:	11 pF
Compensation range:	10 ~ 22 pF

Cable Length:	1.2 m (3.9 ft)
Safety:	* IEC / EN 61010-031: 2008; * UL 61010-031; * CSA C22.2 No. 1010.2.031
Working Voltage:	300 V CAT III
Max. Altitude:	2000 m
Pollution Degree:	2
Protection Class:	II (double insulation)

NOTE: Always apply either the insulation sleeve or the hook clip over the probe tip, when using the ground lead !

To see a copy of the user documentation for this probe in a separate window, click [here](#).  
Specification of probe is valid only when used with Fluke 190-series II ScopeMeter testtools.  
The full bandwidth can only be seen, using the Fluke-190-502 ScopeMeter testtool.

#### Fluke item numbers

VPS510-R:	4025781
VPS510-B:	4025796
VPS510-G:	4025801
VPS510-V:	4025812

