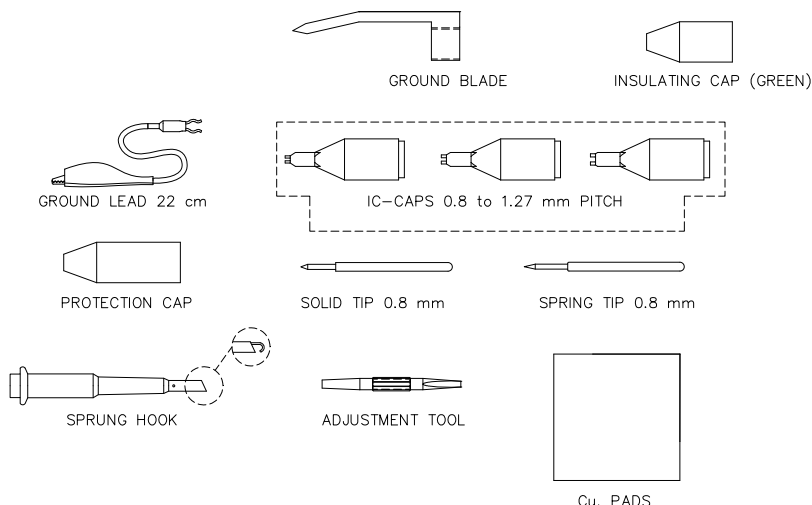


## Model 6493 Modular Passive Oscilloscope Probe



**Model 6493**  
**Modular Passive Oscilloscope Probe**

### Accessories included with Probe:



## Features

- This probe is recommended for general purpose probing applications and is adjustable for low frequencies.
- The probe's entire core is made of a high quality ceramic hybrid.
- Pure coaxial design and laser trimmed resistors ensure highest signal fidelity along the signal path offering high bandwidth and fast risetimes for accurate impulse measurements.
- Our passive probes are spring loaded, with needle sharp tips to support precise and safe measurements.
- Probe tips are interchangeable and can be replaced easily.
- Accessories (one of each) included with Probe are:
  - Ground Blade
  - Ground Lead with Alligator Clip 22 cm (8.66")
  - IC Caps: 0.8mm, 1.0mm, and 1.27mm pitch
  - Insulating Cap (green)
  - Protection Cap
  - Solid Tip 0.8mm (0.0315")
  - Spring Tip 0.8mm (0.0315")
  - Sprung Hook
  - Adjustment Tool
  - Copper (Cu) Pads

## Specifications

|                                                      |               |
|------------------------------------------------------|---------------|
| <b>Attenuation Ratio</b>                             | 10:1          |
| <b>Maximum Input Voltage CAT II<sup>1</sup></b>      | 300 Vrms      |
| <b>Scope Bandwidth MHz</b>                           | 60            |
| <b>Probe Bandwidth MHz (-3 dB)</b>                   | 150           |
| <b>System Rise time (ns)</b>                         | < 2.4         |
| <b>Probe Input Resistance (M<math>\Omega</math>)</b> | 10            |
| <b>Probe Input Capacitance (pF)</b>                  | < 12.5        |
| <b>Compensation Range (pF)</b>                       | 15 - 40       |
| <b>Cable Length</b>                                  | 4 ft. (1.2 m) |

<sup>1</sup> Rating: Per IEC 61010-031. Maximum voltage allowed on the low or ground connection including shell and housing must not exceed 30 V.

## Ordering Information

Model: 6493  
150 MHz X10 Oscilloscope Probe

**USA:** Sales: 800-490-2361  
Technical Support: [technicalsupport@pomonatest.com](mailto:technicalsupport@pomonatest.com)  
Fax: 425-446-5844  
**Europe:** 31-(0) 40 2675 150 **International:** 425-446-5500  
**Where to Buy:** [www.pomonaelectronics.com](http://www.pomonaelectronics.com)

All dimensions are in inches. Tolerances (except noted): .xx =  $\pm 0.02$ " (.51 mm), .xxx =  $\pm 0.005$ " (.127 mm). All specifications are to the latest revisions. Specifications are subject to change without notice. Registered trademarks are the property of their respective companies.