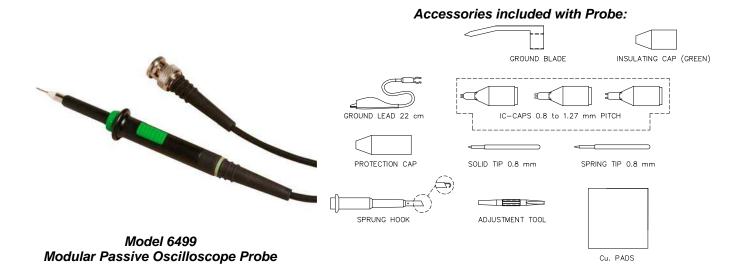


## Model 6499 Modular Passive Oscilloscope Probe



## **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.
- Switchable probes offer unbreakable coaxial reed switches for changing between attenuation modes.
- 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

**USA:** Sales: 800-490-2361

Technical Support: <a href="mailto:technicalsupport@pomonatest.com">technicalsupport@pomonatest.com</a>

Fax: 425-446-5844

**Europe:** 31-(0) 40 2675 150 **International:** 425-446-5500

Where to Buy: www.pomonaelectronics.com

## **Specifications**

Attenuation Ratio	1:1	10:1
Maximum Input Voltage CAT II¹	55 Vrms	300 Vrms
Scope Bandwidth MHz	60	
Probe Bandwidth MHz (-3 dB)	20	150
System Risetime (ns)	< 18	< 2.4
Probe Input Resistance (MΩ)	1	10
Probe Input Capacitance (pF)	< 78	< 13
Compensation Range (pF)	-	15 - 40
Cable Length	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: 6499

20/150 MHz X1/X10 Scope Probe

All dimensions are in inches. Tolerances (except noted):  $.xx = \pm .02$ " (,51 mm),  $.xxx = \pm .005$ " (,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.