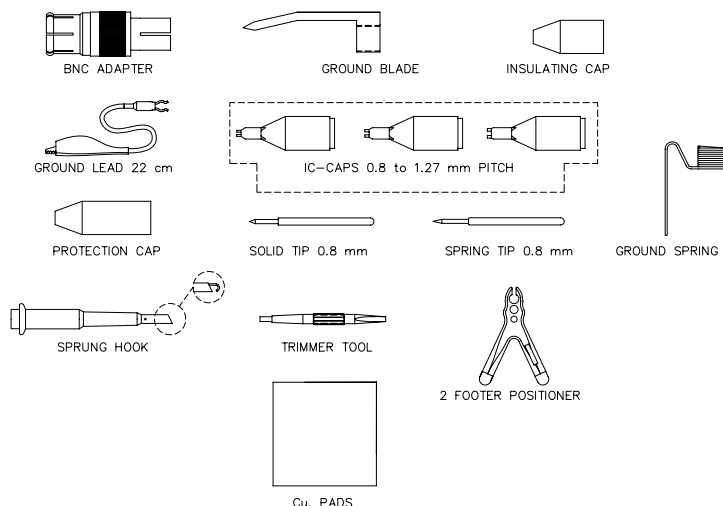


## Model 6497 Modular Passive Oscilloscope Probe w/RO



**Model 6497**  
**Modular Passive Oscilloscope Probe with Readout**  
**Actuator**

### Accessories included with Probe:



## Features

- This probe is recommended for general purpose probing applications and is adjustable for low and high 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.
- Probe tips are interchangeable and can be replaced easily.
- Accessories (one of each) included with Probe are:
  - BNC Adapter
  - Ground Blade
  - Ground Lead with Alligator Clip 22 cm (8.66")
  - Ground Spring
  - IC Caps: 0.8mm, 1.0mm, and 1.27mm pitch
  - Insulating Cap
  - Protection Cap
  - Solid Tip 0.8mm (0.0315")
  - Spring Tip 0.8mm (0.0315")
  - Sprung Hook
  - Trimmer Tool
  - 2 Footer Positioner
  - Copper (Cu) Pads

- Our passive probes are spring loaded, with needle sharp tips to support precise and safe measurements.
- The Readout BNC connector enables automatic recognition by scopes that feature a sense ring to detect probe attenuation.

## Specifications

<b>Attenuation Ratio</b>	10:1
<b>Maximum Input Voltage CAT II<sup>1</sup></b>	300 Vrms
<b>Scope Bandwidth MHz</b>	350
<b>System Bandwidth MHz (-3 dB)</b>	350
<b>System Rise time (ns)</b>	< 1
<b>Probe Input Resistance (MΩ)</b>	10
<b>Probe Input Capacitance (pF)</b>	< 14.5
<b>Compensation Range (pF)</b>	10 – 35
<b>Readout Actuator<sup>2</sup></b>	Yes
<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.

<sup>2</sup> Any oscilloscope that uses the Tektronix® style range actuator.

## Ordering Information

Model: 6497

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

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