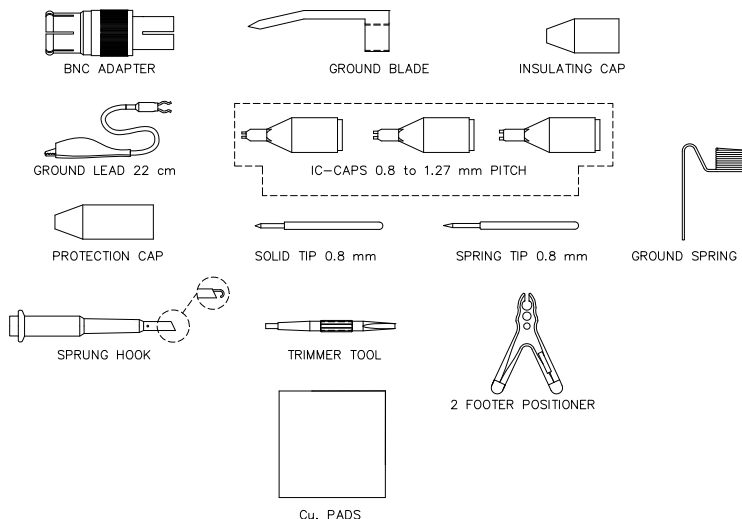


**Model 6497**  
**Modular Passive Oscilloscope Probe w/RO**



**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 Risetime (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@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 = ±.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.