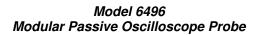


## Model 6496 Modular Passive Oscilloscope Probe

## A Section of the sect



# Accessories included with Probe: BNC ADAPTER GROUND BLADE INSULATING CAP IC-CAPS 0.8 to 1.27 mm PITCH PROTECTION CAP SOLID TIP 0.8 mm SPRING TIP 0.8 mm SPRUNG HOOK TRIMMER TOOL

### **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.

2 FOOTER POSITIONER

Cu. PADS

### **Specifications**

Attenuation Ratio	10:1
Maximum Input Voltage CAT II <sup>1</sup>	300 Vrms
Scope Bandwidth MHz	350
System Bandwidth MHz (-3 dB)	350
System Risetime (ns)	< 1
Probe Input Resistance (MΩ)	10
Probe Input Capacitance (pF)	< 14.5
Compensation Range (pF)	10 - 35
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: 6496

**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

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.