

Model 6500 Modular Passive Oscilloscope Probe



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Accessories included with Probe: BNC ADAPTER GROUND BLADE INSULATING CAP (RED) GROUND LEAD 22 cm 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 2 FOOTER POSITIONER

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.
- Switchable probes offer unbreakable coaxial reed switches for changing between attenuation modes.
- 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")
 - IC Caps: 0.8mm, 1.0mm, and 1.27mm pitch
 - Insulating Cap (red)
 - Protection Cap
 - Solid Tip 0.8mm (0.0315")
 - Spring Tip 0.8mm (0.0315")
 - Sprung Hook
 - Trimmer Tool
 - 2 Footer Positioner
 - Copper (Cu) Pads

USA: Sales: 800-490-2361

Technical Support: technicalsupport@pomonatest.com

Fax: 425-446-5844

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

Where to Buy: www.pomonaelectronics.com

 Our passive probes are spring loaded, with needle sharp tips to support precise and safe measurements.

Specifications

Attenuation Ratio	1:1	10:1
Maximum Input Voltage CAT II¹	55 Vrms	300 Vrms
Scope Bandwidth MHz	100	
Probe Bandwidth MHz (-3 dB)	30	250
System Risetime (ns)	< 12	< 1.4
Probe Input Resistance (MΩ)	1	10
Probe Input Capacitance (pF)	< 80	< 13
Compensation Range (pF)	-	10 - 35
Cable Length	4 ft. (1.2 m)	

¹ **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: 6500

30/250 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.