

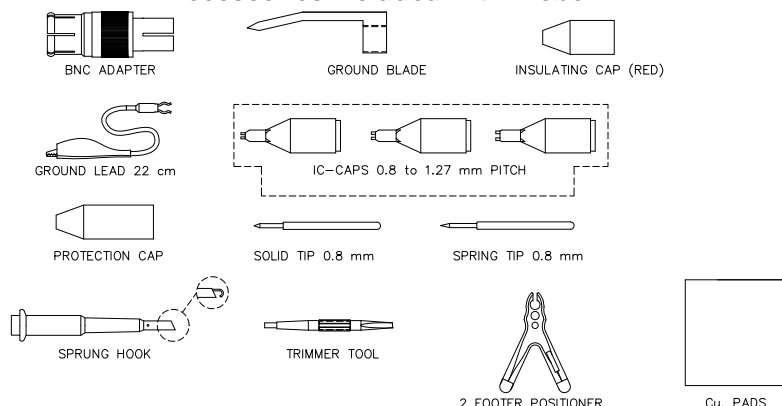
## Model 6500

### Modular Passive Oscilloscope Probe



**Model 6500**  
**Modular Passive Oscilloscope Probe**

#### 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.
- 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

- 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 II <sup>1</sup>	55 Vrms	300 Vrms
Scope Bandwidth MHz	100	
Probe Bandwidth MHz (-3 dB)	30	250
System Rise time (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)	

<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: 6500  
 30/250 MHz X1/X10 Scope Probe

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.

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