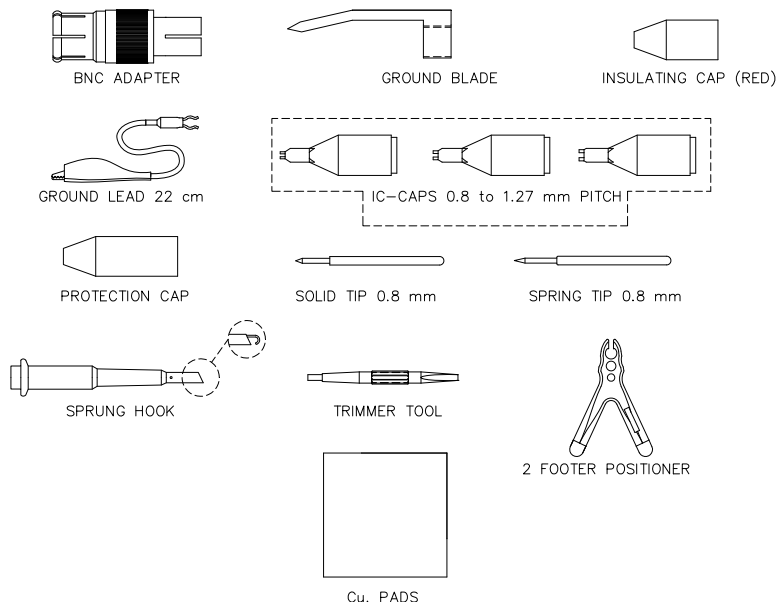


## Model 6491 Modular Passive Oscilloscope Probe



**Model 6491**  
**Modular Passive Oscilloscope Probe**

### Accessories included with Probe:



## Features

- This probe is recommended for general purpose probing applications and is adjustable for high frequencies.
- Our passive probes are spring loaded, with needle sharp tips to support precise and safe 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")
  - 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

## Specifications

|   |               |
|---|---------------|
| <b>Attenuation Ratio</b>                        | 1:1           |
| <b>Maximum Input Voltage CAT II<sup>1</sup></b> | 55 Vrms       |
| <b>Scope Bandwidth MHz</b>                      | 60            |
| <b>Probe Bandwidth MHz (-3 dB)</b>              | 30            |
| <b>System Risetime (ns)</b>                     | < 12          |
| <b>Probe Input Resistance (MΩ)</b>              | 1             |
| <b>Probe Input Capacitance (pF)</b>             | < 39.5        |
| <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.

## Ordering Information

Model: 6491  
30 MHz X1 Oscilloscope Probe

**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.