

Model 6499 Modular Passive Oscilloscope Probe



Features

- This probe is recommended for general purpose probing applications and is adjustable for low 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.
- 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:
 - Ground Blade
 - Ground Lead with Alligator Clip 22 cm (8.66")
 - IC Caps: 0.8mm, 1.0mm, and 1.27mm pitch
 - Insulating Cap (green)
 - Protection Cap
 - Solid Tip 0.8mm (0.0315")
 - Spring Tip 0.8mm (0.0315")
 - Sprung Hook
 - Adjustment Tool
 - Copper (Cu) Pads
- USA: Sales: 800-490-2361 Technical Support: <u>technicalsupport@pomonatest.com</u> Fax: 425-446-5844

Europe: 31-(0) 40 2675 150 International: 425-446-5500 Where to Buy: www.pomonaelectronics.com

Specifications

Attenuation Ratio	1:1	10:1
Maximum Input	55 Vrms	300 Vrms
Voltage CAT II ¹	55 1115	300 11113
Scope Bandwidth	60	
MHz	00	
Probe Bandwidth	20	150
MHz (-3 dB)	20	150
System Risetime	< 18	< 2.4
(ns)		< 2. 4
Probe Input	1	10
Resistance (MΩ)		
Probe Input	< 78	< 13
Capacitance (pF)		
Compensation	-	15 - 40
Range (pF)		
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: 6499 20/150 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.