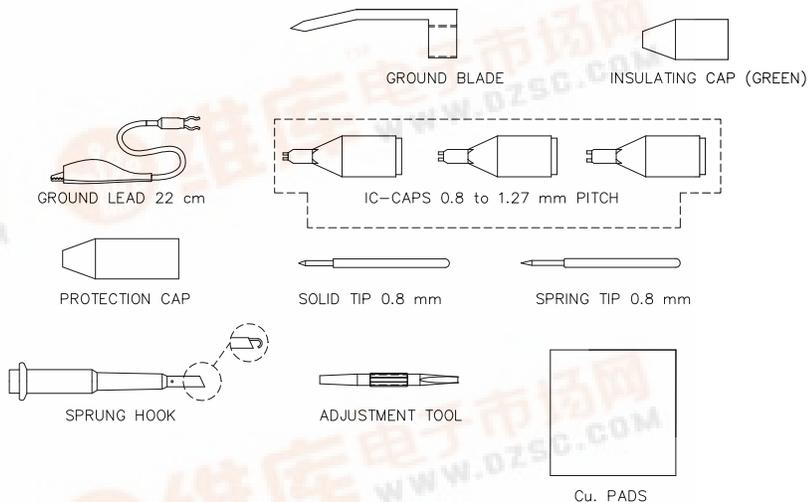


Model 6494 Modular Passive Oscilloscope Probe w/RO



Model 6494
Modular Passive Oscilloscope Probe with Readout Actuator

Accessories included with 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.
- 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

- The Readout BNC connector enables automatic recognition by scopes that feature a sense ring to detect probe attenuation.

Specifications

Attenuation Ratio	10:1
Maximum Input Voltage CAT II¹	300 V _{rms}
Scope Bandwidth MHz	60
Probe Bandwidth MHz (-3 dB)	150
System Risettime (ns)	< 2.4
Probe Input Resistance (MΩ)	10
Probe Input Capacitance (pF)	< 12.5
Compensation Range (pF)	15 - 40
Readout Actuator²	Yes
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.

² Any oscilloscope that uses the Tektronix® style range actuator.

Ordering Information

Model: 6494
150 MHz X10 Scope Probe RO

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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