



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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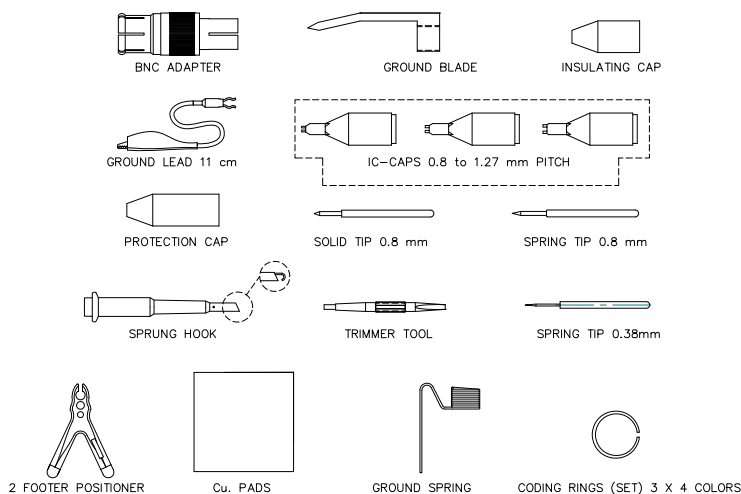


**Model 6551**  
**Microline Passive Oscilloscope Probe w/RO**



**Model 6551**  
**Microline Passive Oscilloscope Probe with Readout Actuator**

**Accessories included with Probe:**



**Features**

- This probe is recommended for high performance 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.
- Probe tips are interchangeable and can be replaced easily.
- Accessories (one of each) included with Probe are:
  - BNC Adapter
  - Ground Blade
  - Ground Spring
  - Ground Lead with Alligator Clip 11 cm (4.33")
  - IC Caps: 0.8mm, 1.0mm, and 1.27mm pitch
  - Insulating Cap
  - Protection Cap
  - Solid Tip 0.8mm (0.0315")
  - Spring Tips 0.8mm (0.0315") & 0.38mm (0.015")
  - Sprung Hook
  - Trimmer Tool
  - 2 Footer Positioner
  - Coding Rings (Set) 3 X 4 colors
  - Copper (Cu) Pads

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

**Specifications**

|   |               |
|---|---------------|
| <b>Attenuation Ratio</b>                        | 10:1          |
| <b>Maximum Input Voltage CAT II<sup>1</sup></b> | 300 Vrms      |
| <b>Scope Bandwidth MHz</b>                      | 500           |
| <b>System Bandwidth MHz (-3 dB)</b>             | 500           |
| <b>System Rise Time (ns)</b>                    | < 0.7         |
| <b>Probe Input Resistance (MΩ)</b>              | 10            |
| <b>Probe Input Capacitance (pF)</b>             | < 11          |
| <b>Compensation Range (pF)</b>                  | 10 - 20       |
| <b>Readout Actuator<sup>2</sup></b>             | Yes           |
| <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.  
<sup>2</sup> Any oscilloscope that uses the Tektronix® style range actuator.

**Ordering Information**

Model: 6551  
500 MHz 0-Scope Probe w/RA

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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