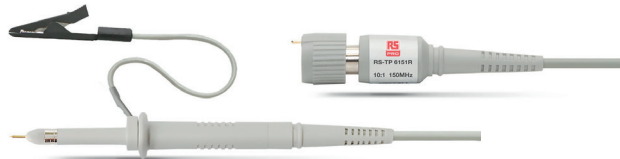




# 5 mm Diameter Oscilloscope Probes

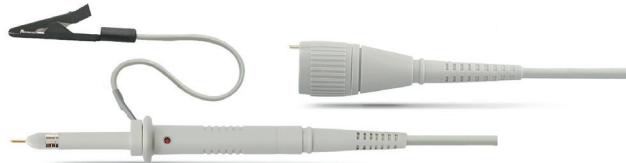


ENGLISH



|  | Type          | RS Part-No.: | Attenuation | Loading Input   |        | Bandwidth (MHz) | Rise Time (ns) | Compensation Ratio (pF) | Readout Function |
|--|---------------|--------------|-------------|-----------------|--------|-----------------|----------------|-------------------------|------------------|
|  |               |              |             | R (M $\Omega$ ) | C (pF) |                 |                |                         |                  |
|  | RS - TP 6151R | 1799559      | 10:1        | 10              | 12     | 150             | < 2,33         | 10-30                   | ✓                |

Cable length 1,3 m



|  | Type          | RS Part-No.: | Attenuation | Loading Input   |        | Bandwidth (MHz) | Rise Time (ns) | Compensation Ratio (pF) | Readout Function |
|--|---------------|--------------|-------------|-----------------|--------|-----------------|----------------|-------------------------|------------------|
|  |               |              |             | R (M $\Omega$ ) | C (pF) |                 |                |                         |                  |
|  | RS - TP 2101R | 1799560      | 10:1        | 10              | 12     | 100             | < 3,5          | 10-30                   | ✓                |

Cable length 1,3 m

All specifications are subject to change without notice!

@ 10:1 max. input voltage 400 Vrms Measuring Category II derating with frequency!

FOR MORE INFORMATION VISIT [www.rs-components.com](http://www.rs-components.com)

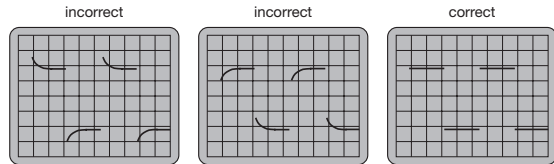


## Probe Compensation

Proper compensation of the probe is required to assure amplitude accuracy of the waveform being measured by matching the probe to the oscilloscope's input capacitance. Compensation should be adjusted whenever the probe is connected to or transferred between oscilloscopes.

### Low Frequency Adjustment / RS - TP 6151R

Apply a 1 kHz square wave to the probe or connect to the oscilloscope's calibrator output. Adjust the single LF trimmer located in the BNC Box until you achieve a flat-topped square wave (see figure below).



### Low Frequency Adjustment / RS - TP 2101R

Apply a 1 kHz square wave to the probe or connect to the oscilloscope's calibrator output. Adjust the single LF trimmer located in the probe body until you achieve a flat-topped square wave (see figure below).

