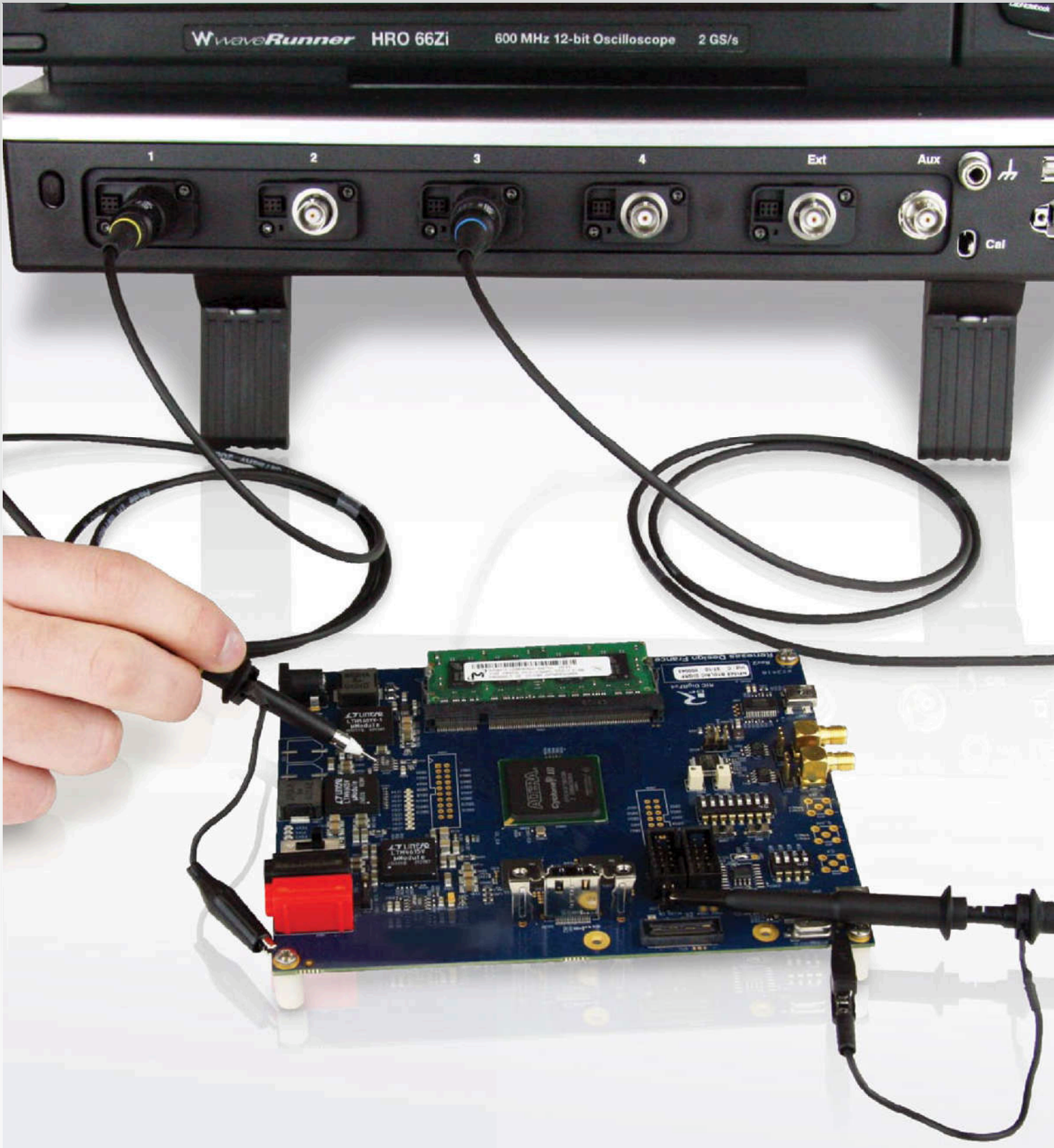
PASSIVE PROBES



PASSIVE PROBES

Passive probes are the standard probe provided with most oscilloscopes. Typical passive probes provide a ÷10 attenuation and feature a high input resistance of 10 MΩ. This high input resistance means that passive probes are the ideal tool for low frequency signals since circuit loading at these frequencies is minimized. Passive probes are designed to handle voltages of at least 400 V, some as high as 600 V. LeCroy passive probes feature an attenuation sense pin which tells the oscilloscope to scale the waveforms automatically requiring no user input.

LeCroy
Passive Probe
Model Numbers:

PP005A
PP006A
PP007-WR-1
PP008-1
PP009-1
PP010-1
PP011-1
PP016

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LeCroy
Passive Probe
Model Numbers:

PP005A
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PP016

Each passive probe is recommended for a certain oscilloscope, using the right passive probe with the right oscilloscope means that the probe can be properly compensated across the entire bandwidth. Using probes with a different oscilloscope will only let you compensate for low frequencies.

Features

- Bandwidth from 200 MHz to 500 MHz
- Probe encoding ring for automatic scale factor readout on LeCroy oscilloscopes

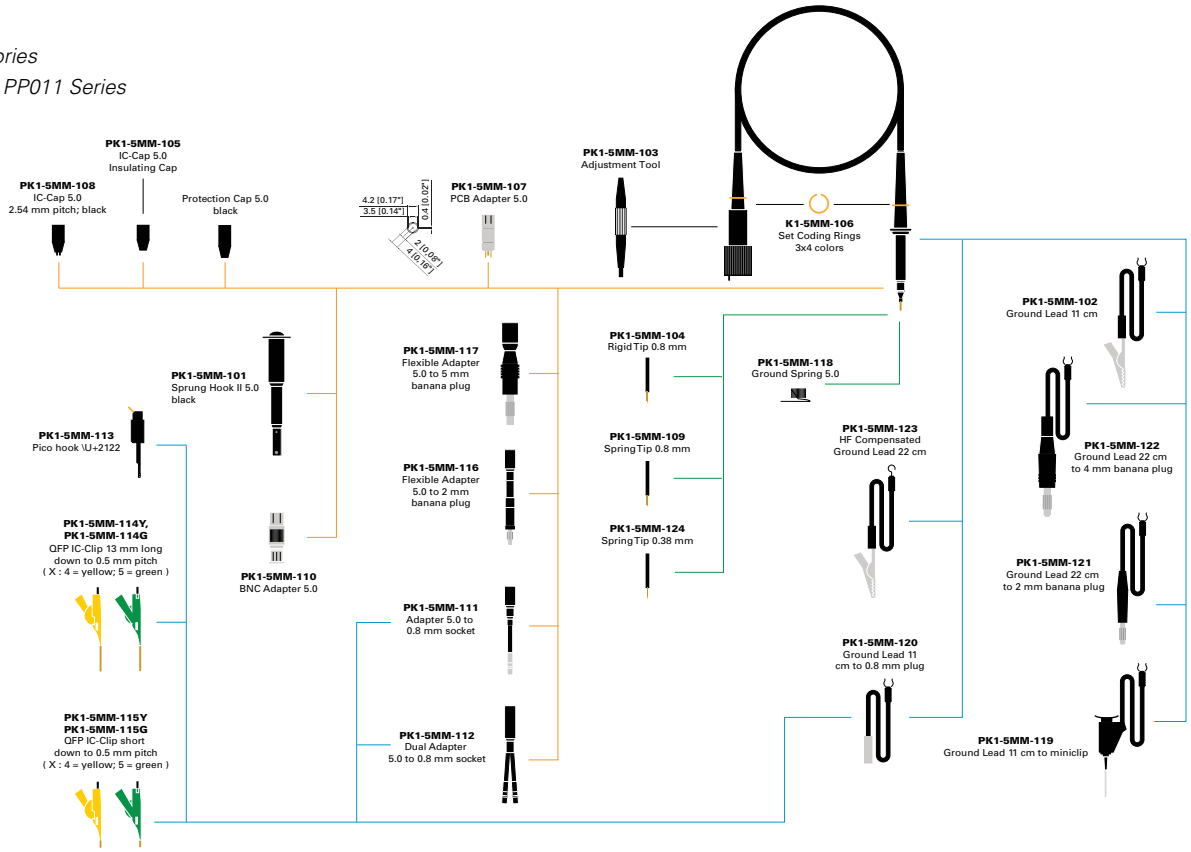
Passive Probes Selection Guide Specifications

Types	Bandwidth (MHz)	Input R (Ω)	Input C (pF)	Attenuation	Maximum Voltage	Diameter (mm)
PP005A	500	10 M	11	÷10	500 V	5
PP006A	500	10 M	12	÷10	600 V	5
PP007-WR-1	500	10 M	9.5	÷10	400 V	2.5
PP008-1	500	10 M	9.5	÷10	400 V	2.5
PP009-1	500	10 M	9.5	÷10	400 V	2.5
PP010-1	500	10 M	9.5	÷10	400 V	2.5
PP011-1	50	10 M	9.5	÷10	400 V	5
PP016	300 MHz/ 10 MHz	10 MΩ/ 1 MΩ	12 pF/ 46 pF	÷10/ ÷1	600 V	5 mm

Ordering Information

Product Description	Product Code
÷10, 500 MHz 10 MΩ Passive Probe	PP005A
÷10, 500 MHz 10 MΩ Passive Probe	PP006A
÷10, 500 MHz 10 MΩ Passive Probe	PP007-WR-1
÷10, 500 MHz 10 MΩ Passive Probe	PP008-1
÷10, 500 MHz 10 MΩ Passive Probe	PP009-1
÷10, 200 MHz 10 MΩ Passive Probe	PP010-1
÷10, 500 MHz 10 MΩ Passive Probe	PP011-1
÷10, 300 MHz 10 MΩ Passive Probe	PP016

Passive Probe Accessories
for PP005, PP009, and PP011 Series



Passive Probe Accessories
for PP007 and PP008 Series

