

Passive probes are the standard probe provided with most oscilloscopes. Typical passive probes provide a $\div 10$ attenuation and feature a high input resistance of 10 M Ω . 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. Teledyne LeCroy passive probes feature an attenuation sense pin which tells the oscilloscope to scale the waveforms automatically requiring no user input.

Teledyne LeCroy
Passive Probe
Model Numbers:

PP006A
PP007-WR
PP008
PP009
PP010
PP011
PP016
PP017
PP018
PP019
PP020

PASSIVE PROBES



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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 Teledyne LeCroy oscilloscopes

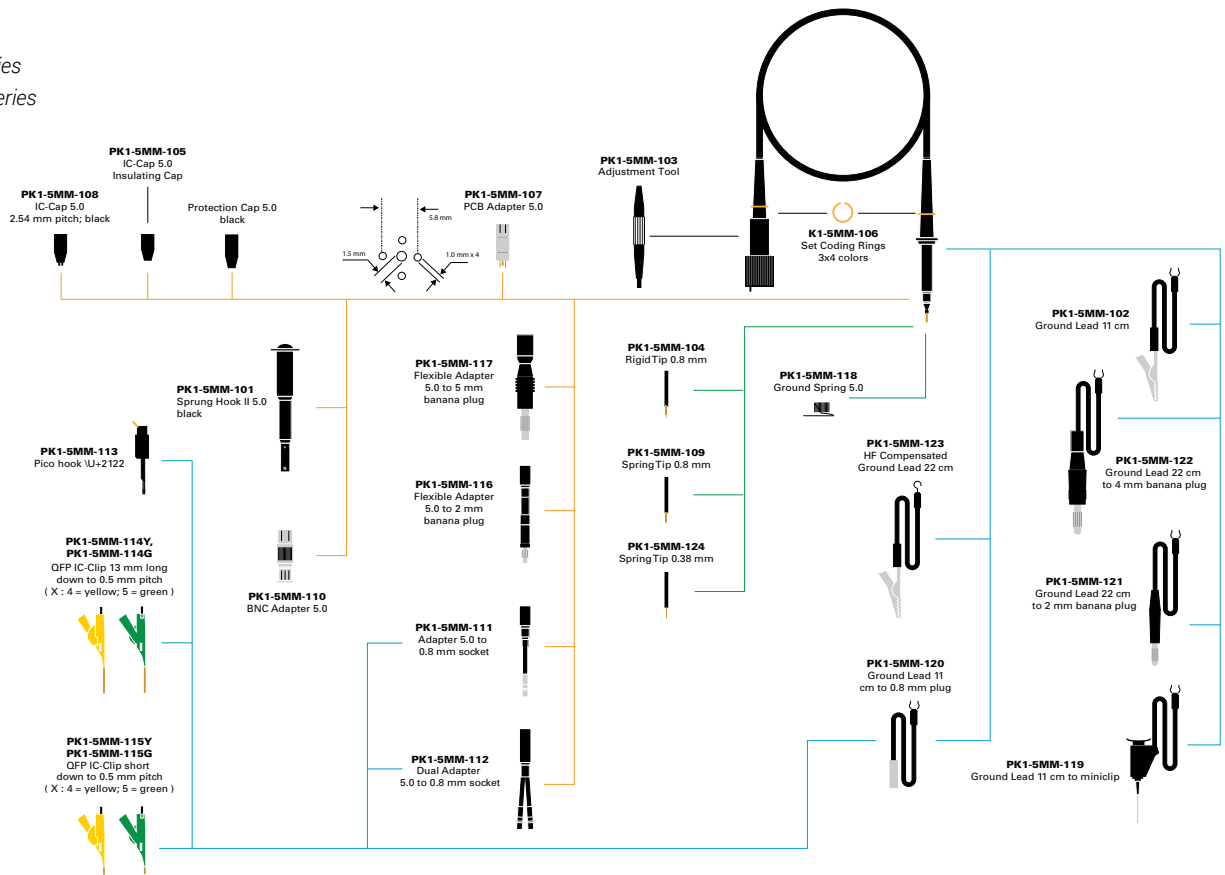
Specifications

Types	Bandwidth	Input R	Input C	Attenuation	Maximum Voltage	Diameter
PP006A	500 MHz	10 M Ω	12 pF	$\div 10$	600 V	5 mm
PP007-WR	500 MHz	10 M Ω	9.5 pF	$\div 10$	400 V	2.5 mm
PP008	500 MHz	10 M Ω	9.5 pF	$\div 10$	400 V	2.5 mm
PP009	500 MHz	10 M Ω	9.5 pF	$\div 10$	400 V	2.5 mm
PP010	500 MHz	10 M Ω	9.5 pF	$\div 10$	400 V	2.5 mm
PP011	50 MHz	10 M Ω	9.5 pF	$\div 10$	400 V	5 mm
PP016	300 MHz/ 10 MHz	10 M Ω / 1 M Ω	12 pF/ 46 pF	$\div 10$ / $\div 1$	600 V	5 mm
PP017	200 MHz	10 M Ω	12 pF	$\div 10$	600 V	5 mm
PP018	500 MHz	10 M Ω	10 pF	$\div 10$	600 V	5 mm
PP019	200 MHz	10 M Ω	12 pF	$\div 10$	500 V	5 mm
PP020	500 MHz	10 M Ω	11 pF	$\div 10$	500 V	5 mm

Ordering Information

Product Description	Product Code
$\div 10$, 500 MHz 10 M Ω Passive Probe	PP006A
$\div 10$, 500 MHz 10 M Ω Passive Probe	PP007-WR
$\div 10$, 500 MHz 10 M Ω Passive Probe	PP008
$\div 10$, 500 MHz 10 M Ω Passive Probe	PP009
$\div 10$, 200 MHz 10 M Ω Passive Probe	PP010
$\div 10$, 500 MHz 10 M Ω Passive Probe	PP011
$\div 10$, 300 MHz 10 M Ω Passive Probe	PP016
$\div 10$, 250 MHz 10 M Ω Passive Probe	PP017
$\div 10$, 500 MHz 10 M Ω Passive Probe	PP018
$\div 10$, 200 MHz 10 M Ω Passive Probe	PP019
$\div 10$, 500 MHz 10 M Ω Passive Probe	PP020

Passive Probe Accessories for PP009, and PP011 Series



Passive Probe Accessories for PP007 and PP008 Series

