PP006D

500 MHz Passive Probe for WaveJet Touch, 10:1, 10 MOhm

Passive Probes

Passive probes are the standard probe provided with most oscilloscopes. Typical passive probes provide a 10:1 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 400V, some as high as 600V. Teledyne LeCroy passive probes feature an attenuation sense pin which tells the oscilloscope to scale the waveforms automatically requiring no user input.

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

Oscilloscope Series	Model	Bandwidth	Input R	Input C	Attenuation	Maximum Voltage	Diameter
9300 Series	PP005A	500 MHz	10 MΩ	11 pF	10:1	600 V	5 mm
HDO4000A Series (200 MHz)	PP017	200 MHz	10 MΩ	12 pF	10:1	350 V	5 mm
	PP023	500 MHz	10 MΩ	10 pF	10:1	500 V	2.5 mm
	PP026	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
HDO4000A Series (>=350 MHz)	PP018	500 MHz	10 MΩ	10 pF	10:1	350 V	5 mm
	PP023	500 MHz	10 MΩ	10 pF	10:1	500 V	2.5 mm
	PP026	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
HDO6000A Series	PP018	500 MHz	10 MΩ	10 pF	10:1	350 V	5 mm
	PP023	500 MHz	10 MΩ	10 pF	10:1	500 V	2.5 mm
	PP026	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
HDO8000A Series	PP018	500 MHz	10 MΩ	10 pF	10:1	350 V	5 mm
	PP023	500 MHz	10 MΩ	10 pF	10:1	500 V	2.5 mm
	PP026	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
MDA 8000HD Series	PP021	500 MHz	10 MΩ	11 pF	10:1	500 V	2.5 mm
	PP025	500 MHz	10 MΩ	11 pF	10:1	500 V	5 mm
MDA800A Series	PP018	500 MHz	10 MΩ	10 pF	10:1	350 V	5 mm
	PP023	500 MHz	10 MΩ	10 pF	10:1	500 V	2.5 mm
	PP026	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
HDO9000 Series	PP022	500 MHz	10 MΩ	10 pF	10:1	500 V	2.5 mm
	PP024	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
LC Series	PP005A	500 MHz	10 MΩ	11 pF	10:1	600 V	5 mm
	PP006D	500 MHz	10 MΩ	12 pF	10:1	350 V	5 mm
LT Series	PP006A	500 MHz	10 MΩ	12 pF	10:1	600 V	5 mm
WaveAce Series (200 MHz)	PP016	300 MHz 10 MHz	10 MΩ 1 MΩ	12 pF 46 pF	10:1 1:1	600 V	5 mm
WaveJet(A) Series (= 200 MHz)	PP010	200 MHz	10 MΩ	12.5 pF	10:1	600 V	5 mm
WaveJet(A) Series (= 350 MHz)	PP006A	500 MHz	10 MΩ	12 pF	10:1	600 V	5 mm
	PP006D	500 MHz	10 MΩ	12 pF	10:1	350 V	5 mm
WaveJet Touch	PP006A	500 MHz	10 MΩ	12 pF	10:1	600 V	5 mm
	PP006D	500 MHz	10 MΩ	12 pF	10:1	350 V	5 mm
WaveMaster 8 Zi(A, B) Series	PP007-WR	500 MHz	10 MΩ	9.5 pF	10:1	400 V	2.5 mm
	PP011	500 MHz	10 MΩ	9.5 pF	10:1	400 V	5 mm
	PP021	500 MHz	10 MΩ	11 pF	10:1	500 V	2.5 mm
	PP025	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
WavePro 7 Zi(A) Series	PP007-WR	500 MHz	10 MΩ	9.5 pF	10:1	400 V	2.5 mm
	PP011	500 MHz	10 MΩ	9.5 pF	10:1	400 V	5 mm
	PP021	500 MHz	10 MΩ	11 pF	10:1	500 V	2.5 mm
	PP025	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
WavePro 7000 Series	PP005A	500 MHz	10 MΩ	11 pF	10:1	600 V	5 mm
WavePro 900 Series	PP005A	500 MHz	10 MΩ	11 pF	10:1	600 V	5 mm
WavePro HD Series	PP023	500 MHz	10 MΩ	10 pF	10:1	500 V	2.5 mm
	PP026	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
WaveRunner 8000HD Series	PP021	500 MHz	10 MΩ	11 pF	10:1	500 V	2.5 mm
	PP025	500 MHz	10 MΩ	11 pF	10:1	500 V	5 mm
WaveRunner 8000/9000 Series	PP022	500 MHz	10 MΩ	10 pF	10:1	500 V	2.5 mm
	PP024	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
WaveRunner 6 Zi Series	PP008	500 MHz	10 MΩ	9.5 pF	10:1	400 V	2.5 mm
	PP009	500 MHz	10 MΩ	9.5 pF	10:1	400 V	5 mm
	PP022	500 MHz	10 MΩ	10 pF	10:1	500 V	2.5 mm
	PP024	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
WaveRunner 6000(A) Series	PP007-WR	500 MHz	10 MΩ	9.5 pF	10:1	400 V	2.5 mm
	PP011	500 MHz	10 MΩ	9.5 pF	10:1	400 V	5 mm
	PP021	500 MHz	10 MΩ	11 pF	10:1	500 V	2.5 mm
	PP025	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
WaveRunner Xi(A) (1 GHz - 2 GHz)	PP007-WR	500 MHz	10 MΩ	9.5 pF	10:1	400 V	2.5 mm
	PP011	500 MHz	10 MΩ	9.5 pF	10:1	400 V	5 mm
	PP021	500 MHz	10 MΩ	11 pF	10:1	500 V	2.5 mm
	PP025	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
WaveRunner Xi(A) Series (<= 600 MHz)	PP008	500 MHz	10 MΩ	9.5 pF	10:1	400 V	2.5 mm
	PP009	500 MHz	10 MΩ	9.5 pF	10:1	400 V	5 mm
	PP022	500 MHz	10 MΩ	10 pF	10:1	500 V	2.5 mm
	PP024	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
WaveSurfer 4000HD Series	PP019	200 MHz	10 MΩ	12 pF	10:1	500 V	5 mm
	PP026	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
WaveSurfer 3000/3000z Series	PP019	200 MHz	10 MΩ	12 pF	10:1	500 V	5 mm
	PP020	500 MHz	10 MΩ	11 pF	10:1	500 V	5 mm
WaveSurfer 400 Series	PP007-WS	500 MHz	10 MΩ	9.5 pF	10:1	400 V	2.5 mm
	PP008	500 MHz	10 MΩ	9.5 pF	10:1	400 V	2.5 mm
	PP009	500 MHz	10 MΩ	9.5 pF	10:1	400 V	5 mm
	PP022	500 MHz	10 MΩ	10 pF	10:1	500 V	2.5 mm
	PP024	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
WaveSurfer 510 Series	PP024	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
WaveSurfer Xs(A,B) Series (<= 600 MHz)	PP008	500 MHz	10 MΩ	9.5 pF	10:1	400 V	2.5 mm
	PP009	500 MHz	10 MΩ	9.5 pF	10:1	400 V	5 mm
	PP022	500 MHz	10 MΩ	10 pF	10:1	500 V	2.5 mm
	PP024	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm
WaveSurfer Xs(A,B) Series (1 GHz)	PP007-WR	500 MHz	10 MΩ	9.5 pF	10:1	400 V	2.5 mm
	PP011	500 MHz	10 MΩ	9.5 pF	10:1	400 V	5 mm
	PP021	500 MHz	10 MΩ	11 pF	10:1	500 V	2.5 mm
	PP025	500 MHz	10 MΩ	10 pF	10:1	500 V	5 mm