

## Product Datasheet - Technical Specifications



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## Passive Probe

Parameter \ Model	PB470	PP510	PP215	PP430
				
<b>Attenuation Rate</b>	1 X/10 X	1 X/10 X	1 X/10 X	1 X/10 X
<b>Bandwidth</b>	1 X: DC-6 MHz 10 X: DC-70 MHz	1 X: DC-6 MHz 10 X: DC-100 MHz	1 X: DC-6 MHz 10 X: DC-200 MHz	1 X: DC-6 MHz 10 X: DC-300 MHz
<b>Input Impedance</b>	1 M $\Omega$ /10 M $\Omega$	1 M $\Omega$ /10 M $\Omega$	1 M $\Omega$ /10 M $\Omega$	1 M $\Omega$ /10 M $\Omega$
<b>Input Capacitance</b>	1 X: 85 pF-120 pF 10 X: 18 pF-22 pF	1 X: 85 pF-120 pF 10 X: 18 pF-22 pF	1 X: 85 pF-120 pF 10 X: 16 pF-20 pF	1 X: 46 pF 10 X: 12 pF
<b>Compensation Range</b>	15 pF-45 pF	10 pF-30 pF	10 pF-35 pF	10 pF-35 pF
<b>Input Voltage</b>	1 X: <300 Vpp 10 X: <600 Vpp	1 X: <300 Vpp 10 X: <600 Vpp	1 X: <300 Vpp 10 X: <600 Vpp	1 X: <300 Vpp 10 X: <600 Vpp
<b>Operation Temp</b>	-15 $^{\circ}$ C -75 $^{\circ}$ C	-15 $^{\circ}$ C -75 $^{\circ}$ C	-15 $^{\circ}$ C -75 $^{\circ}$ C	-15 $^{\circ}$ C -40 $^{\circ}$ C
<b>Cable Length</b>	120 cm	120 cm	120 cm	120 cm
<b>Weight</b>	50 g	50 g	50 g	50 g

Parameter	PB925	SP2030A
		
<b>Attenuation Rate</b>	10 X	10 X
<b>Bandwidth</b>	DC-250 MHz	DC-300 MHz
<b>Input Impedance</b>	10 M $\Omega$	10 M $\Omega$ $\pm$ 2%
<b>Input Capacitance</b>	16 pF	12 pF
<b>Compensation Range</b>	10 pF-35 pF	9 pF-25 pF
<b>Input Voltage</b>	< 600 V CAT III <1000 V CAT II	< 600 V DC+Peak AC
<b>Operation Temp</b>	0 $^{\circ}$ C -50 $^{\circ}$ C	0 $^{\circ}$ C -50 $^{\circ}$ C
<b>Cable Length</b>	120 cm	130 cm
<b>Weight</b>	55 g	55 g