

# Probe Specifications

## I. Voltage Probes

### Passive Probes

Type	Cable Length	Attenuation	Bandwidth at -3 dB	System Input Resistance	Typical Input C	Max Voltage	Compensation Range	Read Out	ID/Gnd Ref.	Tip/Head Style
<b>1X Passive Probe</b>										
<a href="#">P6101B</a>	2 m	1	15 MHz	1 MΩ	100 pF	300 V <sub>RMS</sub> CAT I	NA			5 mm (Min.)
<b>10X Passive Probes</b>										
<a href="#">P3010</a>	2 m	10	100 MHz	10 MΩ	13 pF	420 V <sub>RMS</sub> CAT I	10 to 15 pF	X		5 mm (Min.)
<a href="#">P5050</a>	1.3 m	10	500 MHz	10 MΩ	11.1 pF	300 V <sub>RMS</sub> CAT II	16 to 22 pF	X		3.5 mm (Comp.)
<a href="#">P6109B</a>	2 m	10	100 MHz	10 MΩ	13 pF	420 V CAT I	15 to 35 pF	X		5 mm (Min.)
<a href="#">P6112</a>	2 m	10	100 MHz	10 MΩ	13.3 pF	300 V <sub>RMS</sub> CAT II 420 V <sub>RMS</sub> CAT I	15 to 35 pF			5 mm (Min.)
<a href="#">P6114B</a>	2 m	10	400 MHz	10 MΩ	14.1 pF	300 V <sub>RMS</sub> CAT II 420 V <sub>RMS</sub> CAT I	10 to 35 pF	X		5 mm (Min.)
<a href="#">P6117</a>	2 m	10	200 MHz	10 MΩ	13.3 pF	300 V <sub>RMS</sub>	15 to 35 pF			5 mm

						CAT II 420 V <sub>RMS</sub> CAT I				(Min.)
<a href="#">P6131</a>	1.3 m	10	300 MHz	10 MΩ	10.8 pF	300 V <sub>RMS</sub> CAT I 150 V <sub>RMS</sub> CAT II	14 to 18 pF	X		2.5 mm (Sub.)
<a href="#">P6137</a>	1.5 m	10	400 MHz	10 MΩ	10.8 pF	500 V <sub>PK</sub>	12 to 18 pF	X	X	3.5 mm (Comp.)
<a href="#">P6138A</a>	1.3 m	10	400 MHz	10 MΩ	10 pF	300 V <sub>RMS</sub> CAT II 420 V <sub>RMS</sub> CAT I	12 to 18 pF	X		3.5 mm (Comp.)
<a href="#">P6139A</a>	1.3 m	10	500 MHz	10 MΩ	8 pF	300 V <sub>RMS</sub> CAT II 420 V <sub>RMS</sub> CAT I	8 to 12 pF	X		3.5 mm (Comp.)
<b>1X/10X Switchable</b>										
<a href="#">P2220*</a> 1	1.5 m	1/10	6/200 MHz	1/10 MΩ	110/17 p F	150 V <sub>RMS</sub> CAT II (1X)  300 V <sub>RMS</sub> CAT II (10X)	15 to 25 pF			5 mm (Min.)
<a href="#">P2221*</a> 1	1.5 m	1/10	6/200 MHz	1/10 MΩ	110/17 p F	150 V <sub>RMS</sub> CAT II (1X)  300 V <sub>RMS</sub>	10 to 25 pF			5 mm (Min.)

						CAT II (10X)					
Type	Cable Length	Attenuation	Bandwidth at -3 dB	System Input Resistance	Typical Input C	Max Voltage	Compensation Range	Read Out	ID/Gnd Ref.	Tip/Head Style	
<b>10X/20X/100X/1000X High Voltage Probes</b>											
<a href="#">P5100</a>	3.1 m	100	250 MHz	10 M $\Omega$	2.75 pF	1,000 V CAT III  2500 V <sub>dc</sub> + pkac	7 to 30 pF			Mono	
<a href="#">P5120</a>	3 m	20	200 MHz	5 M $\Omega$	11.2 pF	1,000 V <sub>RMS</sub> CAT II	15 to 25 pF			Mono	
<a href="#">P5102</a>	2 m	10	100 MHz	5 M $\Omega$	11.2 pF	1000 V <sub>RMS</sub> CAT II	24 to 28 pF			Mono	
<a href="#">P6015A</a>	3.0 m	1000	75 MHz	100 M $\Omega$	3.0 pF	20,000 V	7 to 49 pF			HVP	
<a href="#">P6015A</a> Opt 1R	3.0 m	1000	75 MHz	100 M $\Omega$	3.0 pF	20,000 V	7 to 49 pF	X		HVP	
<a href="#">P6015A</a> Opt 25	7.6 m	1000	25 MHz	100 M $\Omega$	3.0 pF	20,000 V	7 to 49 pF			HVP	
<a href="#">P6015A</a> Opt 2R	7.6 m	1000	25 MHz	100 M $\Omega$	3.0 pF	20,000 V	7 to 49 pF	X		HVP	

**Note:** m = meters, V = volts, MHz = Megahertz, Mono. = Monolithic, HVP = high voltage probe, pF = picofarads, mm = millimeters.

\*<sup>1</sup> P2220 and P2221 when used with TPS2000 Series may be floatable to <30 V<sub>RMS</sub>. For TDS1000/2000 Series and all other ground-referenced oscilloscopes, no floating allowed.

### Low Capacitance 50 $\Omega$ Probes

Type	Length	Attenuation	Bandwidth at -3 dB	System Input Resistance	Typical Input C	Max Voltage RMS	Instrument Input	Read Out	ID/Gnd Ref.	Tip/Head Style
<a href="#">P6150</a>	1 m	10	9 GHz	500 Ω	<0.15 pF	12.5 V <sub>RMS</sub> * <sup>1</sup>	50 Ω			4 mm
		1	3 GHz	50 Ω	N/A		50 Ω			
<a href="#">P6158</a>	1.2 m	20	3 GHz	1 kΩ	1.5 pF	22 V <sub>RMS</sub>	50 Ω	X		3.5 mm (Comp.)
<a href="#">P8018</a>	1 m	1	20 GHz	50 Ω	N/A	5 V <sub>RMS</sub>	50 Ω			1.8 mm Pitch (Sig to Gnd)
<a href="#">P80318</a>	1 m	1	>20 GHz	50 Ω odd mode  100 Ω differential	N/A	5 V <sub>RMS</sub>	50 Ω	N/A		0.05 mm to 4.2 mm variable spacing Pitch (Tip to Tip)

\*<sup>1</sup> P2220 when used with TPS2000 Series may be floatable to <30 V<sub>RMS</sub>. For TDS1000/2000 Series and all other ground-referenced oscilloscopes, no floating allowed.

### Active Probes

Type	Cable Length	Attenuation	Bandwidth at -3 dB	System Input Resistance	Typical Input C	Max Voltage RMS	Linear Range	DC Offset Range	Interface Style	Tip/Head Style
<a href="#">P6205</a>	1.5 m	10	750 MHz	1 MΩ	<2 pF	±40 V	±10 V	N/A	TEKPROBE®	5 mm (Min.)
<a href="#">P6241</a>	1.3 m	10	4 GHz	40 kΩ	<0.8 pF	±30 V	±4.0 V	±10 V	TEKPROBE	SMD Active
<a href="#">P6243</a>	1.3 m	10	1 GHz	1 MΩ	≤1 pF	±15 V	±8.0 V	N/A	TEKPROBE	SMD Active
<a href="#">P6245</a>	1.3 m	10	1.5 GHz	1 MΩ	≤1 pF	±15 V	±8.0 V	±10 V	TEKPROBE	SMD

										Active
<a href="#">P6249</a>	1.4 m	5	4 GHz	20 k $\Omega$	$\leq 1$ pF	$\pm 30$ V	$\pm 2.0$ V	$\pm 5$ V	TEKPROBE	SMD Active
<a href="#">P7225</a>	1.3 m	10	2.5 GHz	40 k $\Omega$	$\leq 0.8$ pF	$\pm 30$ V	$\pm 4.0$ V	$\pm 10$ V	TekConnect <sup>®</sup>	SMD Active
<a href="#">P7240</a>	1.4 m	5	4 GHz	20 k $\Omega$	$\leq 1$ pF	$\pm 30$ V	$\pm 2.0$ V	$\pm 5$ V	TekConnect	SMD Active
<a href="#">P7260</a>	1.12 m	5	6 GHz	20 k $\Omega$	$< 0.5$ pF	$\pm 30$ V	$\pm 0.75$ V	$\pm 5$ V	TekConnect	SMD Active
		25					$\pm 3.0$ V	$\pm 5$ V		
<a href="#">TAP1500</a>	1.3 m	10	1.5 GHz	1 M $\Omega$	$\leq 1$ pF	$\pm 15$ V	$\pm 8.0$ V	$\pm 10$ V	TekVPI™	SMD Active
<a href="#">TAP2500</a>	1.3 m	10	2.5 GHz	40 k $\Omega$	$\leq 0.8$ pF	$\pm 30$ V	$\pm 4.0$ V	$\pm 10$ V	TekVPI™	SMD Active
<a href="#">TAP3500</a>	1.3 m	10	3.5 GHz	40 k $\Omega$	$\leq 0.8$ pF	$\pm 30$ V	$\pm 4.0$ V	$\pm 10$ V	TekVPI™	SMD Active

### Differential Probes

Type	Cable Length	Attenuation	Bandwidth at -3 dB	Differential Input Resistance	Differential Input Capacitance	Max Nondestructive Voltage RMS	Differential Input Voltage	Common Mode Input Voltage	Typical CMRR	Interface Style
<a href="#">ADA400A</a>		X 100	1 MHz	1 M $\Omega$	55 pF	N/A	$\pm 10$ V	0.01 V	$> 80$ dB at 10 kHz	TEKPROBE
		X 10					$\pm 10$ V	1 V		
		X 1					$\pm 40$ V	10 V		
		X 0.1					$\pm 40$ V	80 V		
<a href="#">P5200</a> * <sup>7</sup>	1.8 m	50 500	25 MHz	4 M $\Omega$	7 pF	N/A	1300 V <sub>RMS</sub>	1000 V <sub>RM</sub> s CAT II	$> 50$ dB at 1 MHz	BNC* <sup>7</sup>

<a href="#">P5205</a>	1.8 m	50 500	100 MHz	4 M $\Omega$	7 pF	N/A	1300 V <sub>RMS</sub>	1000 V <sub>RM</sub> s CAT II	>50 dB a t 1 MHz	TEKPROB E
<a href="#">P5210</a>	1.8 m	100 1000	50 MHz	8 M $\Omega$	7 pF	N/A	4400 V <sub>RMS</sub>	2200 V <sub>RM</sub> s CAT II	>50 dB a t 1 MHz	TEKPROB E
<a href="#">P6246</a>	1.2 m	1 10	400 MHz	200 k $\Omega$	<1 pF	$\pm 25$ V	$\pm 850$ mV $\pm 8.5$ V	$\pm 7$ V	>60 dB a t 1 MHz	TEKPROB E
<a href="#">P6247</a>	1.2 m	1 10	1 GHz	200 k $\Omega$	<1 pF	$\pm 25$ V	$\pm 850$ mV $\pm 8.5$ V	$\pm 7$ V	>60 dB a t 1 MHz	TEKPROB E
<a href="#">P6248</a>	1.2 m	1 10	1.5 GHz	200 k $\Omega$	<1 pF	$\pm 25$ V	$\pm 850$ mV $\pm 8.5$ V	$\pm 7$ V	>60 dB a t 1 MHz	TEKPROB E
<a href="#">P6250</a>	1.2 m	5 50	500 MHz	1 M $\Omega$	<1 pF	$\pm 100$ V (dc+pkac)	$\pm 4.2$ V (dc+pkac) $\pm 42$ V (dc+pkac)	$\pm 35$ V (dc+pkac)	>50 dB at 1 MHz	TEKPROB E
<a href="#">P6251</a>	1.2 m	5 50	1.0 GHz	1 M $\Omega$	<1 pF	$\pm 100$ V (dc+pkac)	$\pm 4.2$ V (dc+pkac) $\pm 42$ V (dc+pkac)	$\pm 35$ V (dc+pkac)	>50 dB at 1 MHz	TEKPROB E
<a href="#">P6330</a>	1.3 m	5	3.5 GHz	100 k $\Omega$	<0.3 pF	$\pm 15$ V	$\pm 2$ V	+5 V to - 4 V	>60 dB a t 1 MHz	TEKPROB E
<a href="#">P7330</a>	1.3 m	5	3.5 GHz	100 k $\Omega$	<0.3 pF	$\pm 15$ V	$\pm 2$ V	+5 V to - 4 V	>60 dB a t 1 MHz	TekConnect
<a href="#">P7340A</a>	1.5 m	5 25	>4 GHz (Typical)	100 k $\Omega$	Loading Zmin >290 $\Omega$	$\pm 15$ V	$\pm 1$ V $\pm 2.5$ V	+5 V to - 3.0 V	>35 dB a t 1 GHz	TekConnect
<a href="#">P7350</a>	1.3 m	6.25	5 GHz	100 k $\Omega$	<0.3 pF	$\pm 15$ V	$\pm 2.5$ V	+6.25 V t	>45 dB a	TekConnect

								o -5 V	t 1 MHz	
<a href="#">P7350SM A</a>	1.2 m	6.25	5 GHz	100 $\Omega$	NA	$\pm 15$ V	$\pm 2.5$ V	+6.25 V to -5 V	>55 dB at 1 MHz	TekConnect
<a href="#">P7360A</a>	1.5 m	5 25	>6 GHz (Typical)	100 k $\Omega$	Loading Zmin >290 $\Omega$	$\pm 15$ V	$\pm 1$ V $\pm 2.5$ V	+5 V to -3.0 V	>35 dB at 1 GHz	TekConnect
<a href="#">P7380A</a>	1.2 m	5 25	8 GHz (Typical)	100 k $\Omega$	Loading Zmin >290 $\Omega$	$\pm 15$ V	$\pm 1$ V $\pm 2.5$ V	+5 V to -3.0 V	>35 dB at 1 GHz	TekConnect
<a href="#">P7380SM A</a>	.96 m	2.5 12.5	8 GHz (Typical)	100 $\Omega$	NA	$\pm 5$ V	0.625 V <sub>p-p</sub> 3.0 V <sub>p-p</sub>	$\pm 2.5$ V	>35 dB at 1 GHz	TekConnect
<a href="#">P7313</a>	1.2 m	5 25	>12.5 GHz (Typical)	100 k $\Omega$	Loading Zmin >200 $\Omega$ out to 12.5 GHz	$\pm 15$ V	$\pm 0.625$ V $\pm 2$ V	+4 V to -3.0 V	>35 dB at 1 GHz	TekConnect
<a href="#">P7313SM A</a>	.96 m	2.5 12.5	>13 GHz	100 $\Omega$	NA	$\pm 5$ V	0.800 V <sub>p-p</sub> 3.6 V <sub>p-p</sub>	+3.6 / -2.5 V	>50 dB at 1 GHz	TekConnect
<a href="#">P7513</a>	1 m	5 12.5	>13 GHz	100 k $\Omega$	NA	$\pm 15$ V	$\pm 0.75$ V $\pm 1.75$ V	+4 V to -2.0 V	>30 dB at 1 GHz	TekConnect
<a href="#">P7516</a>	1 m	5 12.5	>16 GHz	100 k $\Omega$	NA	$\pm 15$ V	$\pm 0.75$ V $\pm 1.75$ V	+4 V to -2.0 V	>30 dB at 1 GHz	TekConnect

<a href="#">P7520</a>	1 m	5 12.5	>20 GHz	100 kΩ	NA	±15 V	±0.625 V ±1.6 V	+3.7 V to -2.0 V	>30 dB a t 1 GHz	TekConnect
<a href="#">TDP0500</a>	1.2 m	5 50	500 MHz	1 MΩ	<1 pF	±100V	±4.2 V ±42 V	±35 V	>60 dB a t 1 MHz	TekVPI™ DPO7000
<a href="#">TDP1000</a>	1.2 m	5 50	1 GHz	1 MΩ	<1 pF	±100 V	±4.2 V ±42 V	±35 V	>60 dB a t 1 MHz	TekVPI™ DPO7000
<a href="#">TDP1500</a>	1.2 m	1 10	1.5 GHz	200 kΩ	<1 pF	±25 V	±850 mV ±8.5 V	±7 V	>60 dB a t 1 MHz	TekVPI™
<a href="#">TDP3500</a>	1.3 m	5	3.5 GHz	100 kΩ	<0.3 pF	±15 V	±2 V	±5 to – 4 V	>60 dB a t 1 MHz	TekVPI™

\*<sup>7</sup> **WARNING:** For safe operation, do not use the P5200 High Voltage Differential Probe with oscilloscopes that have floating inputs (isolated inputs), such as the Tektronix TPS2000 series oscilloscopes and THS700 series oscilloscopes. The P5200 High Voltage Differential Probe requires an oscilloscope or other measurement instrument with grounded inputs.

## II. Current Probes

	Bandwidth Hz to MHz	Peak Pulse	Max AC <sub>P-P</sub>	Derate Below	Derate Above	Max DC	Amp-S Product	Current/Div Display Range	Rise Time	Insertion Impedance at 1 MHz	Max Barewire Voltage	Max Conductor Diameter	Cable Length
<b>TCP300 and TCP400 Series Products For TEKPROBE, TekConnect and Standard 50 Ω / 1 MΩ BNC Oscilloscope Systems</b>													
<a href="#">TCP312</a> w/TCPA300	DC to 100	50 A	60 A	N/A	50 kHz	5 A – 1 A/V	50 A-μS* <sup>6</sup> – 1 A/V	1 A/V 10 A/V	≤3.5 ns	0.08 Ω	Insulated Wire Only	3.8 mm (0.15 in.)	1.5 m



						30 A – 10 A/ V	500 A- $\mu\text{S}^{*6}$ – 10 A/V						
<a href="#">TCP312</a> using CT4	0.5 to 20	20 $\text{kA}^{*3}$	2 $\text{kA}^{*4}$	50 Hz	1.2 kHz z	20A	0.5 A-S	20 A/V  10 kA/V	<17.5 ns	2.5 m $\Omega$	3 kV	38 mm  (1.5 in.)	1.5 m
<a href="#">TCP305</a> w/TCPA3 00	DC to 50	50 A	100 A	N/A	2 kHz	25A - 5 A/V  50 A - 10 A/ V	500 A- $\mu\text{S}^{*6}$ – 5 A/V  NA – 10A/V	5A/V  10A/V	$\leq 7$ ns	0.035 $\Omega$	Insulated Wire Only	3.8 mm  (0.15 in.)	1.5 m
<a href="#">TCP305</a> using CT4	0.5 to 20	20 $\text{kA}^{*3}$	2 $\text{kA}^{*4}$	50 Hz	1.2 kHz z	20 A	5 A $^{*6}$ –S typ	100 A/V  10 kA/V	<17.5 ns	1.1 m $\Omega$	3 kV	38 mm  (1.5 in.)	1.5 m
<a href="#">TCP303</a> w/TCPA3 00	DC to 15	150 A	424 A	N/A	1 kHz	25 - 5 A/V  150 - 50 A/ V	3,000 A- $\mu\text{S}^{*6}$ – 5 A/V  15,000 A- $\mu\text{S}^{*6}$ – 50 A/V	5 A/V  50 A/V	$\leq 23$ ns	0.01 $\Omega$	600 V <sub>RMS</sub> CAT I & II  300 V <sub>RMS</sub> CAT III	21 mm $\times$ 25 mm  (0.83 $\times$ 1.0 in.)	2 m
<a href="#">TCP404XL</a> w/TCPA4 00	DC to 2	750 A	1414 A	N/A	1.8 kHz z	750 A $^{*6}$  5 - 1 A/m V  500 A -	NA – 1 A/mV	1 A/mV	$\leq 175$ n s	0.1 m $\Omega$	600 V <sub>RMS</sub> CAT I & II  300 V <sub>RMS</sub> CAT III	21 mm $\times$ 25 mm  (0.83 $\times$ 1.0 in.)	8 m

							1 A/m V							
<b>Direct Connect Current Probes</b>														
<a href="#">TCP0030</a> (TekVPI™)	DC to 120	50 A	84 A	N/A	5 kHz	5 A 30 A	50 A- $\mu$ S – 1 A/V  500 A- $\mu$ S – 10 A/V	1 A/V* <sup>5</sup>  10 A/V* <sup>5</sup>	$\leq$ 14.5 ns	0.08 $\Omega$	Insulated Wire Only	3.8 mm (0.15 in.)	2 m	
<a href="#">TCP0030</a> w/CT4	0.5 to 20	20 kA* <sup>3</sup>	2 kA* <sup>4</sup>	50 Hz	1.2 kHz z	30 A	0.5 A-S		$\leq$ 24.5 ns	30 m $\Omega$	3 kV	38 mm (1.5 in.)	2 m	
<a href="#">TCP0150</a>	DC to 20	150 A	424 A	N/A	2 kHz	25 A 5 A/V 150 A 50 A/ V	3,000A* <sup>5</sup> $\mu$ S  - 5 A/V  15,000 A* <sup>5</sup> $\mu$ S  - 50 A/V	5 A/V  50 A/V	$\leq$ 17.5 ns	0.03 $\Omega$	600 V <sub>RMS</sub>  CAT I & II  300 V <sub>RMS</sub>  CAT III	21 mm $\times$ 25 mm  (0.83 $\times$ 1.0 in.)	2 m	
<a href="#">TCP202</a> (TekProbe®)	DC to 50	50 A	40 A	N/A	20 kHz	15 A	500 A- $\mu$ S		$\leq$ 7.0 n s	0.07 $\Omega$	300 V C AT I	0.15 in.	2.2 m	
<a href="#">TCP202</a> w/CT4	0.5 to 20	20 kA* <sup>3</sup>	2 kA* <sup>4</sup>	50 Hz	1.2 kHz z	15 A	0.5 A-S		$\leq$ 17.5 ns	30 m $\Omega$	3 kV	1.5 in.	2.2 m	
<b>Current Probes (for AM503X, AM5030X Current Amplifiers and Systems)</b>														
<a href="#">A6312</a>	DC to 100	50 A	40 A	N/A	20 kHz	20 A	100 A- $\mu$ S	1 mA to 5 A* <sup>2</sup>	$\leq$ 3.5 n s	0.1 $\Omega$	300 V C AT I	0.15 in.	2 m	
<a href="#">A6312</a> w/CT4	0.5 to 20	20 kA* <sup>3</sup>	2 kA* <sup>4</sup>	50 Hz	1.2 kHz z	20 A	0.1 A-S	20 mA to 5 kA* <sup>2</sup>	$\leq$ 17.5 ns	30 m $\Omega$	3 kV	1.5 in.	2 m	

<a href="#">A6302</a>	DC to 50	50 A	40 A	N/A	20 kHz	20 A	100 A- $\mu$ S	1 mA to 5 A <sup>*2</sup>	$\leq$ 7.0 ns	0.1 $\Omega$	300 V C AT I	0.15 in.	2 m
<a href="#">A6302</a> w/CT4	0.5 to 20	20 kA <sup>*3</sup>	2 kA <sup>*4</sup>	50 Hz	1.2 kHz	20 A	0.1A-S	20 mA to 5 kA <sup>*2</sup>	$\leq$ 17.5 ns	30 m $\Omega$	3 kV	1.5 in.	2 m
<a href="#">A6302XL</a>	DC to 17	50 A	40 A	N/A	20 kHz	20 A	100A- $\mu$ S	1 mA to 5 A <sup>*2</sup>	$\leq$ 20 ns	0.1 $\Omega$	300 V C AT I	0.15 in.	8 m
<a href="#">A6302XL</a> w/CT4	0.5 to 13	20 kA <sup>*3</sup>	2 kA <sup>*4</sup>	50 Hz	1.2 kHz	20 A	0.1 A-S	20 mA to 5 kA <sup>*2</sup>	$\leq$ 20 ns	30 m $\Omega$	3 kV	1.5 in.	8 m
<a href="#">A6303</a>	DC to 15	500 A	200 A	N/A	20 kHz	100 A	10,000 A- $\mu$ S	5 mA to 50 A <sup>*2</sup>	$\leq$ 23 ns	0.02 $\Omega$	600 V C AT II	0.83 in.	2 m
<a href="#">A6303XL</a>	DC to 10	500 A	200 A	N/A	1.8 kHz	100 A	10,000 A- $\mu$ S	5 mA to 50 A <sup>*2</sup>	$\leq$ 35 ns	0.02 $\Omega$	600 V C AT II	0.83 in.	8 m
<a href="#">A6304XL</a>	DC to 2	700 A	700 A	N/A	1.8 kHz	500 A	0.4 A-S	500 mA to 200 A <sup>*2</sup>	$\leq$ 175 ns	0.2 $\Omega$	600 V C AT II	0.83 in.	8 m
<b>Other Current Probe Solutions</b>													
<a href="#">P6021</a>	120 to 60	250 A	15 A	300 Hz	0.5 M Hz	0.5 A	500 A- $\mu$ S	20 mA or 100 mA <sup>*2</sup>	$\leq$ 5.8 ns	0.03 $\Omega$	600 V	0.15 in.	1.5 m
<a href="#">P6021</a> w/CT4	120 to 20	20 kA <sup>*3</sup>	2 kA <sup>*4</sup>	300 Hz	1.2 M Hz	20 A	0.5 A-S	400 mA or 100 A <sup>*2</sup>	$\leq$ 17.5 ns	0.03 $\Omega$	3 kV	1.5 in.	1.5 m
<a href="#">P6022</a>	935 to 120	100 A	6 A	3 kHz	10 MHz	0.2 A	9 A- $\mu$ S	10 mA or 100 mA <sup>*2</sup>	$\leq$ 2.2 ns	0.03 $\Omega$	600 V	0.10 in.	2.75 m
<a href="#">CT1</a>	25 K to 1000	12 A	1.4 A			0.3 A	1 A- $\mu$ S	2 mA <sup>*2</sup> (5 mV/mA )	$\leq$ 0.35 ns	1 $\Omega$	175 V <sub>RMS</sub> CAT I	0.070 in.	1.07 m
<a href="#">CT2</a>	1.2 K to 200	36 A	7 A			0.3 A	50 A- $\mu$ S	10 mA <sup>*2</sup> (1 mV/mA )	$\leq$ 0.5 ns	0.1 $\Omega$	175 V <sub>RMS</sub> CAT I	0.052 in.	1.07 m
<a href="#">CT6</a>	250 K to	6 A	0.7 A			0.2 A	0.25 A- $\mu$ S	2 mA	<200 p	1.1 $\Omega$	30 V <sub>RMS</sub>	0.032 in.	1 m

	2000							(5 mV/mA s )					
<a href="#">A621</a>	5 to 50 KHz	2000 A	4000 A	N/A	N/A	N/A	N/A	1000 A/V 100 A/V 10 A/V	7 μs	N/A	600 V C AT III	2.13 in. (54 mm)	1.5 m
<a href="#">A622</a>	DC to 100 KHz	100 A	200 A	N/A	N/A	N/A	N/A	100 A/V 10 A/V	3.5 μs	N/A	600 V C AT III	0.46 in. (11.8 mm)	2 m

\*<sup>2</sup> Scope set at 10 mV/Div.

\*<sup>3</sup> Based on voltage breakdown.

\*<sup>4</sup> Based on thermal heating limits in CT4.

\*<sup>5</sup> Depends on instrument used.

\*<sup>6</sup> Derated w/ duty cycle and frequency