

Current Probe CP5000 Series

Technical Specification	CP5030	CP5030A	CP5150	CP5500
Bandwidth (-3dB)	DC - 50 MHz	DC-100 MHz	DC-12 MHz	DC-5 MHz
Rise time	≤7 ns	≤3.5 ns	≤29 ns	≤70 ns
Continuous Max Input range	30 Arms	30 Arms	150 Arms	500 Arms
Max Peak-Peak Current Value	50 A	50 A	300 A	750 A
Range	5 A (1X) / 30 A (10X)	5 A (1X) / 30A (10X)	30 A (1X) / 150 A (10X)	75 A (1X) / 500 A (10X)
Overload Value	5 A (≥5 A)	5 A (≥5 A)	30 A (≥30 A)	75 A (≥50 A)
	30 A (≥50 A)	30 A (≥50 A)	150 A (≥300 A)	500 A (≥500 A)
Current Transfer Ratio	5 A (1 V/A)	5 A (1 V/A)	30 A (0.1 V/A))	75 A (0.1 V/A)
	30 A (0.1 V/A)	30 A (0.1 V/A)	150 A (0.01 V/A)	500 A (0.01 V/A)
Measurement Resolution	5 A (1 mA)	5 A (1 mA)	30 A (5 mA)	75 A (5 mA)
	30 A (10 mA)	30 A (10 mA)	150 A (50 mA)	500 A (50 mA)
Amplitude Accuracy	5 A (±1% ± 1 mA)	5 A (±1% ± 1 mA)	30 A (±1% ± 10 mA)	75 A (±1% ± 10 mA)
	30 A (±1% ± 10 mA)	30 A (±1% ± 10 mA)	150 A (±1% ± 100 mA)	500 A (±1% ± 100 mA)
Power Supply	DC 12 V/1.2 A			
Max. rated voltage to earth	300 V CAT III		300 V CAT III; 600 V CAT II	
Conductor Diameter Max.	5 mm		20 mm	
Cable Length	1 m		1.5 m	
BNC Length	100 cm			
Weight	240 g		500 g	510 g

Subject to change without notice