





CP6000 Current Probe Datasheet

Technical Specifications	CP6030	CP6030A	CP6150	CP6500
				
Bandwidth	DC-50MHz	DC-100MHz	DC-12MHz	DC-5MHz
Rise Time	≤ 7nS	≤ 3.5nS	≤ 29nS	≤ 70nS
Max. effective Value of AC	30 Arms	30 Arms	150 Arms	500 Arms
Peak-Peak Value	50 A	50 A	300 A	750 A
Range	5A(1X)/30A(10X)	5A(1X)/30A(10X)	30A(10X)/150A(100X)	75A(10X)/500A(100X)
Overload Value	5A(≥5A) 30A(≥50A)	5A(≥5A) 30A(≥50A)	30A(≥30A) 150A(≥300A)	75A(≥50A) 500A(≥500A)
Current Transfer Ratio	5A(1V/A) 30A(0.1V/A)	5A(1V/A) 30A(0.1V/A)	30A(0.1V/A) 150A(0.01V/A)	75A(0.1V/A) 500A(0.01V/A)
Measurement Resolution	5A(1mA) 30A(10mA)	5A(1mA) 30A(10mA)	30A(10mA) 150A(100mA)	75A(10mA) 500A(100mA)
DC Accuracy	5A(±1%±1mA) 30A(±1%±10mA)	5A(±1%±1mA) 30A(±1%±10mA)	30A(±1%±10mA) 150A(±1%±100mA)	75A(±1%±10mA) 500A(±1%±100mA)
Max. rated Voltage to earth	300V CAT I		300V CAT III 600V CAT II	
Conductor Diameter Max	5mm		20mm	
Cable Length	1m		1.5m	
Power Supply	DC 12V/1A			
BNC Length	100cm			
Weight	255g		555g	525g

Subject to change

