



## 1630-2 FC Earth Ground Clamp

URL: <https://www.sxplc.com/1630-2-fc-earth-ground-clamp>

### Product data sheet

Electrical Specifications	
Maximum voltage to earth ground	1000 V
Battery type	AA alkaline IEC/B
Battery life	More than 15
* In Ground Resistance measurement mode, with backlight turned off, and RF	
Frequency range	40 Hz to 1
Ingress protection	IEC/EN 60529: IP30
LCD	Digital reading
	Refresh rate
Operating temperature	-10 °C to + 50 °C
Storage temperature	-20 °C to +
Operating humidity	Non condensing (<10
	?90% RH (at 10 °C to 30 °
	?75% RH (at 30 °C to 40 °
	?45% RH (at 40 °C to 50 °C
	(Non conde
Operating altitude	2000 m (656
Storage altitude	12 000 m (39,
Reference temperature	23 °C ±5 °C (73
Temperature coefficient	0.15% x (specified accuracy)/ °C (<18 °C
Overload indication	OL
Data logging capacity	Minimum of 32,760
Data logging interval	1 second to 59 minutes
Display reading specification with standard loop resistance	
Input (?)	Minimum
0.474	0.417
0.5	0.443
10	9.55
100	96
Safety	
General	IEC/EN 61010-1: Pollution De
Measurement	IEC/EN 61010-2-032: CAT IV
Current clamp for leakage current measurements	IEC/EN 61557-13: C

Resistance to earth	IEC/EN 61
Effectiveness of the Protective measures	IEC/EN 615
Electromagnetic compatibility (EMC)	International
	Korea (KCC)
	USA (FCC)
Wireless Radio	
Frequency range	2412 MHz to 2
Output power	<10 mV
Radio frequency certification	FCC ID:T68-FBLE 10
General Specifications	
Conductor size	40 mm (1.57 in) a
Dimensions (L x W x H)	283 x 105 x 48 mm (11
Weight	880g (31
Warranty	One ye
Earth Ground Loop Resistance	
Range	Accuracy <sup>1</sup> ± (% of
0.025 ? to 0.249 ?	1.5% + 0.
0.250 ? to 0.999 ?	1.5% + 0.
1.000 ? to 9.999 ?	1.5% + 0.
10.00 ? to 49.99 ?	1.5% + 0.
50.00 ? to 99.99 ?	1.5% + 0.
100.0 ? to 199.9 ?	3.0% + 1
200.0 ? to 399.9 ?	5.0% + 5
400 ? to 599 ?	10.0% + 1
600 ? to 1500 ?	20.00%
1 Loop resistance with no inductance, conductor centered and perpendicular	
Earth ground leakage current mA	
Autorange 50/60 Hz, True rms, crest factor CF ?3	
Range	Resolution
0.200 mA to 3.999 mA	1 ?A
4.00 mA to 39.99 mA	10 ?A
40.0 mA to 399.9 mA	100 ?A
0.400 A to 3.999 A	1 mA
4.00 A to 39.99 A	10 mA

