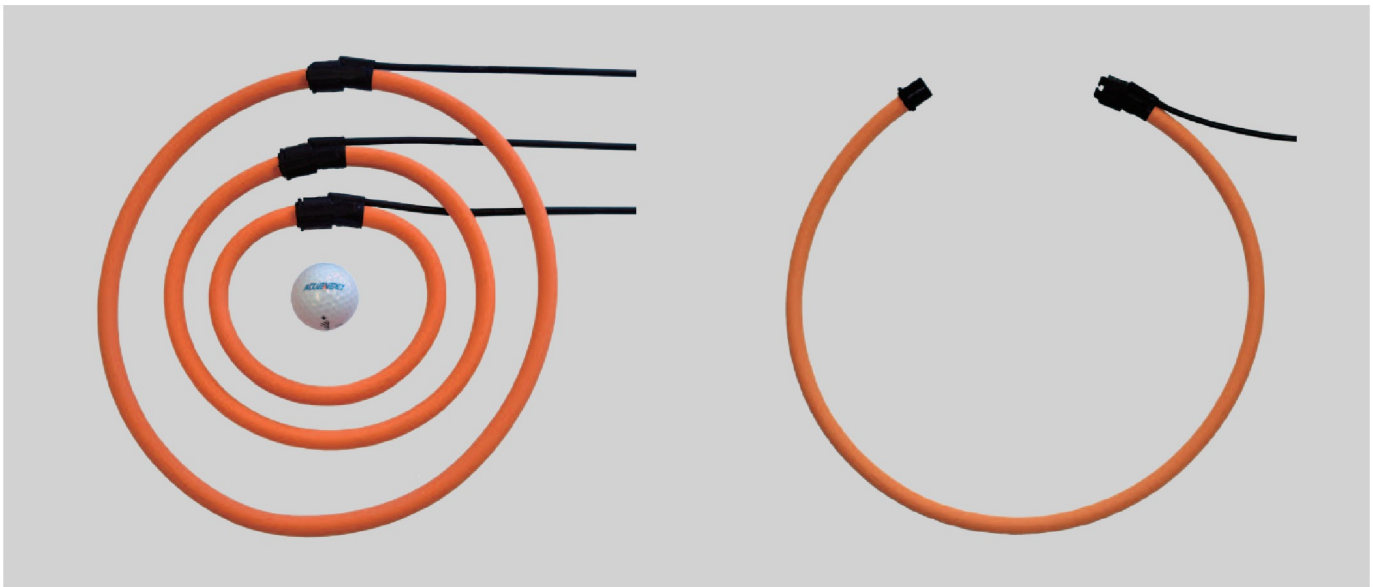


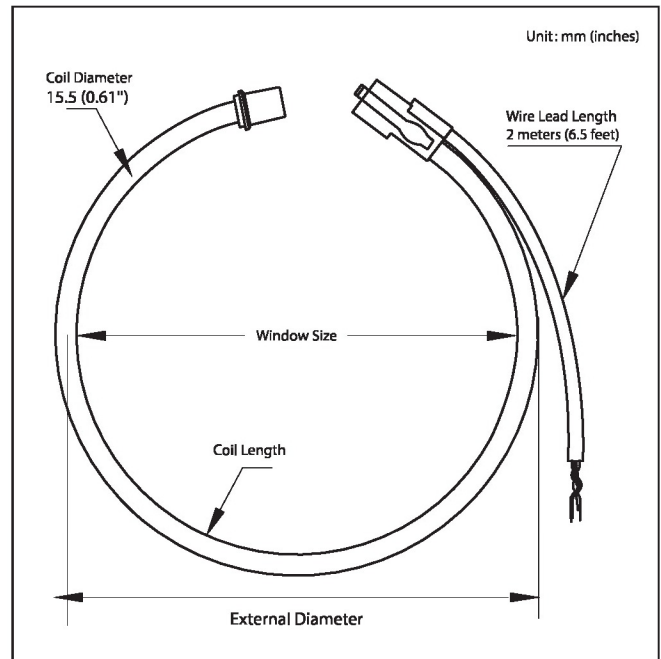
ROGOWSKI COIL



Accuenergy's flexible Rogowski coil is designed for use where regular solid or split core current transformers cannot fit, and is ideal for power quality monitoring such as harmonics. Advantages of the Rogowski coil include; high accuracy, wide measurement and frequency range with no additional integrator or power supply needed.

SPECIFICATION

Window Size	106mm (4.17"), 178mm (7.01"), 271mm (10.67"), 369mm (14.53")
Length of Coil	400mm (15.75"), 600mm (23.62"), 900mm (35.43"), 1200mm (47.24")
Current Input Ranges*	5A-1200A 12.5A-3000A 25A-6000A 50A-12000A 250A-50000A
Frequency Range	20Hz - 5kHz
Accuracy	0.5% at any point
Lead	White-Positive, Brown-Negative, Bare-Shield; 24AWG
Polarity	Arrow Towards Load (Current Flow Direction)
Operating Temperature	-20°C - 70°C
Temperature Drift	+/- 0.07% Within Operating Temperature Range
Material	Orange Thermoplastic Rubber, Flame Retardant UL 94 V-0 Rated
Dielectric Strength	7400Vac @ 50/60Hz for 1 Minute



Dimensions mm (Inch)	RCT16	RCT24	RCT36	RCT47
Window Size	106 (4.17")	178 (7.01")	271 (10.67")	369 (14.53")
Coil Length	400mm (15.75")	600mm (23.62")	900mm (35.43")	1200mm (47.24")
External Diameter	143 (5.63")	207 (8.13")	302 (11.89")	398 (15.66")
Coil Diameter	15.5 (0.61")			
Wire Lead Length	2 meters (6.5 feet)			

Rogowski Coil Ordering Information:

	Size	Current Range
Ordering Number	-	-
Ordering Example	RCT16	1000
	RCT16 : 15.75" Coil, 4" Diameter	1000: Metering Range 5A to 1200A
	RCT24 : 23.62" Coil, 7" Diameter	2500: Metering Range 12.5A to 3000A
	RCT36: 35.43" Coil, 10.67" Diameter	5000: Metering Range 25A to 6000A
	RCT47: 47.24" Coil, 14.5" Diameter	10000: Metering Range 50A to 12000A
		50000: Metering Range 250A to 50000A

Note:1. Make sure maximum current rating in system being metered is within the current metering range for Rogowski coil.