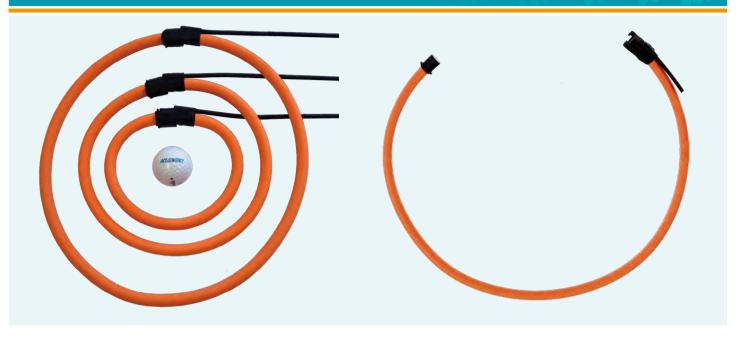
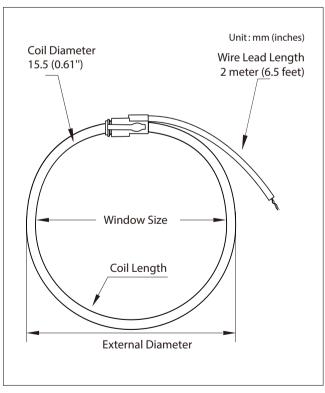
ROGOWSKI COIL CT



Accuenergy's Flexible Rogowski Coil is designed to use where regular solid or split core current transformers cannot fit, and ideal for power quality monitoring such as harmonics. Advantage including high accuracy, wide measruement and frequency range, and no additional integrator and power supply is 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 Range | 5A - 50,000A | | |
| Frequency Range | 20Hz - 5kHz | | |
| Accuracy | 0.5% | | |
| Lead | White-Positive, Brown-Negative, Bare-shield; 26AWG | | |
| Polarity | Arrow towards load (current flow direction) | | |
| Operating Tempreture | -20°C - 70°C | | |
| Temperature Drift | +/- 0.07% | | |
| Material | Orange thermoplastic rubber, flame retardant UL 94 V-0 rated | | |
| Dielectric Strength | 7400Vac @ 50/60Hz for 1 minute | | |
| Over voltage category | 1000V CAT III, 600V CATIV | | |
| Cable | 1000V UL STYLE 20940; External diameter 5mm; Wires 2x 26AWG | | |



DIMENSIONS

Unit: mm (inches)

| DIMENSIONS | RCT16 | RCT24 | RCT36 | RCT47 |
|-------------------|--------------|--------------|--------------|---------------|
| Window Size | 106 (4.17") | 178 (7.01") | 271 (10.67") | 369 (14.53") |
| Coil Length | 400 (15.75") | 600 (23.62") | 900 (35.43") | 1200 (47.24") |
| External Diameter | 143 (5.63") | 207 (8.13") | 302 (11.89") | 398 (15.66") |
| Coil Diameter | | 1. | 5.5 (0.61") | |



STANDARD & CUSTOM OUTPUT

Multiple options of output ratio such as 100mV/1000A, 40mV/1000A, 25mV/1000A, 10mV/1000A.

| MODEL | Output/1000A @ 50Hz | Output/1000A @ 60Hz | |
|--------------|--|---------------------|--|
| RCTxx-200 | 500mV | 600mV | |
| RCTxx-500 | 200mV | 240mV | |
| RCTxx-1000 | 100mV | 120mV | |
| RCTxx-2500 | 40mV | 48mV | |
| RCTxx-5000 | 20mV | 24mV | |
| RCTxx-10000 | 10mV | 12mV | |
| RCTxx-50000 | 2mV | 2.4mV | |
| RCTxx-Custom | Output any ratio of signal per your requirement. | | |

^{*&}quot;xx" denotes length of current transformer coil

APPLICATIONS

