


WR10000 Rogowski

AC sensing Rogowski current transducer designed for use with the PPA range Precision Power Analyzer, enabling high frequency high accuracy current measurement.



ELECTRICAL DATA

Range 1	: 1000A AC (2 Turns) 2000A (1 Turn)	
Range 2	: 5kA AC (2 Turns) 10kA (1 Turn)	
Compensated nominal accuracy*	: $\pm 0.05\%$	
Bandwidth	: 1MHz	
Continuous over range ability	: 20%	
Over Current withstand	: 1000%	
Rogowski	: Yes	
Measuring range	: 1A to 10kA	
Frequency range	: From 1Hz up to 1MHz (-3dB @ 900kHz)	
Output signal	: 1A = 1mV/0.2mV	
Working voltage	: 2kV	
Peak di/dt	: 500A/ μ s	
Temperature range	: -20°C to + 70°C	
“Opening” cable	: Circumference 600mm (1 Turn)	
Integrator Box Dimensions (mm)	: 28 x 65 x 90 mm	
Coil to Integrator cable length	: 2m	
Output and power connections	: 1 x BNC per Phase	
Colour	: Grey	
Power supply	: N4L PPA 15 way integrated D-Type Port	
Input Impedance	: 1M Ω	

*Accuracy without compensation/system calibration 0.5%