

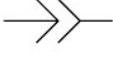


Tab. 4.1 (page 235): Overview of the most important circuit elements used in impedance spectroscopy. The dc quantity is given along with the complex impedance that has to be taken into account for ac circuits.

Circuit element	dc quantity	impedance	symbol
Resistance	R	R	
Capacitance	C	$(i\omega C)^{-1}$	
Constant Phase Element	Q	$(i\omega Q)^{-n}, 0 < n \leq 1$	
Inductance	L	$i\omega L$	