



**Under Construction:** VA7FI is editing this section, please do not edit it until this notice is taken down.

# Electronics

## RLC Addition

	Series	Parallel
Resistor, R [ $\Omega$ ]	$R = R_1 + R_2$	$\frac{1}{R} = \frac{1}{R_1} + \frac{1}{R_2}$
Inductor, L [H]	$L = L_1 + L_2$	$\frac{1}{L} = \frac{1}{L_1} + \frac{1}{L_2}$
Capacitor, C [F]	$\frac{1}{C} = \frac{1}{C_1} + \frac{1}{C_2}$	$C = C_1 + C_2$

## RLC Impedance

Impedance [ $\Omega$ ]	DC ( $f = 0$ )	Mid Frequency	High Frequency
Resistance, R [ $\Omega$ ]	Doesn't depend on frequency		
Inductive Reactance $X_L = 2\pi f L$ [ $\Omega$ ]			

## Questions

