



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 [Ω]	$\R = R_1 + R_2$	$\frac{1}{R} = \frac{1}{R_1} + \frac{1}{R_2}$
	×	×
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 [Ω]	DC (\$f = 0\$)	Mid Frequency	High Frequency
Resistance, R $[\Omega]$	Does	n't depend on fre	quency
Inductive Reactance			
$\$X_L = 2\Pi f L\$ [\Omega]$			

Questions



