

Resonance sounds like a fancy term but it happens when reactances are equal. But what are reactances. For that matter, what are resistances.



Fortunately for us, virtually all electrical nomenclature comes from common-sense English terminology. You've probably heard terminology such as permittivity, admittance, and the list goes on. Some others come from inventor's names such as Oerstead. You are just going to have to live with those.



Why did the French patriots during the occupation of France in world-war II call themselves "the resistance." Maybe they were all hyped up by the inventions of Marconi and his radio inventions that they thought of themselves as electrical resistors of 1 Watt, 5 Watts and so on. I don't think so.



So, resistance is putting the squeeze on current flow. But this brings up another topic. What about Voltage. Did you know that Voltage is a type of "potential?" Why do they call it a potential? By the way, Volts is one of those terms that came from somebody's name. That is why it appears here as a proper name.



But did you know that there are different types of electrical resistance? Our famous resistors acts like a bump on a log. You can throw it across the room and its resistance doesn't change (assuming it doesn't break). You can give it DC potential and its resistance stays the same and you can give it AC potential and there are still no changes.



But there are some types of resistances that "react" to what you do to them.









