

## EMI Line Filter

Written by Carl Holden  
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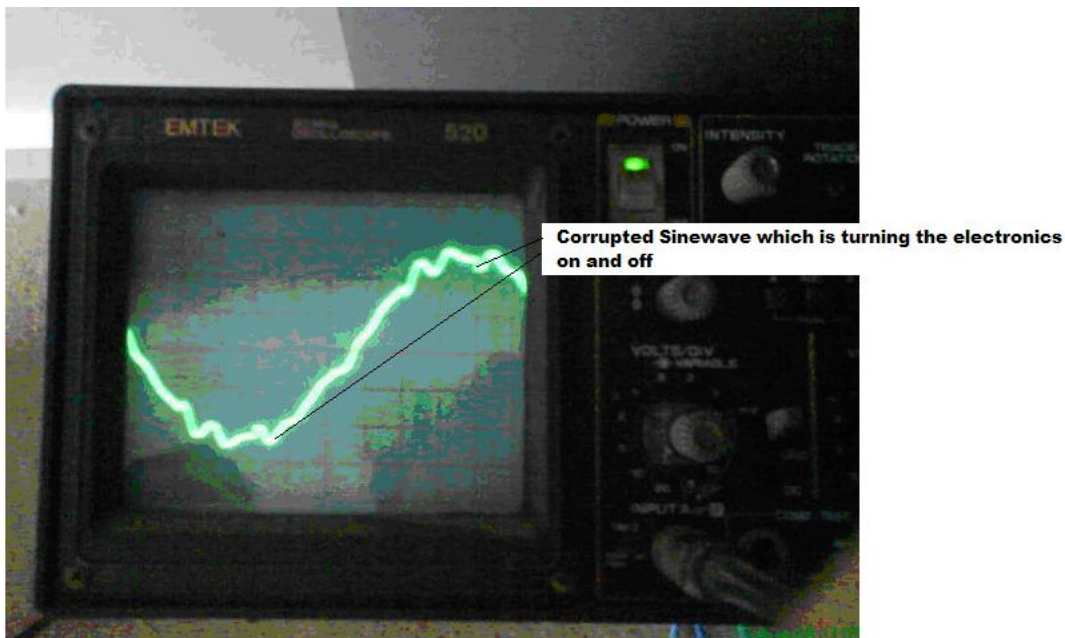
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### PLLC EMI Filter

With the advent of numerous “Energy” saving devices and technology...very little consideration is given to emerging technologies using the existing 240 Volt powerlines for a communications medium.

We are increasingly coming across 3 x phase air conditioners which at times, have inadequate protection against “AC Powerline Corruption” which is fed through the 240 powerlines from the output of the air conditioner inverter.

The output of some of these Invertors can quite dramatically “Corrupt” the AC Sine Wave...see below



In response to this challenge, PLLC have introduced an EMI Filter which takes this corrupted wave form and produces a smooth Sinusoidal Wave form...providing a smooth output that allows UPB and other powerline devices to operate without any disruption.

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