

Fuzzy Math and the Modern Pultec Filter Circuit

Frequency	Modern Filter Version	Corrected Math Version
3K	Inductance: 150 mH Capacitance: 18nF Resonant Frequency: 3062.94 Hz.	Inductance: 156 mH Capacitance: 18nF Resonant Frequency: 3003.46 Hz.
4K	Inductance: 82 mH Capacitance: 18nF Resonant Frequency: 4142.64 Hz.	Inductance: 87.9 mH Capacitance: 18nF Resonant Frequency: 4001.19 Hz.
5K	Inductance: 68 mH Capacitance: 15nF Resonant Frequency: 4983.33 Hz.	Inductance: 67.5 mH Capacitance: 15nF Resonant Frequency: 5001.76 Hz.
8K	Inductance: 47 mH Capacitance: 8.2nF Resonant Frequency: 8107.08 Hz.	Inductance: 48.2 mH Capacitance: 8.2nF Resonant Frequency: 8005.52 Hz.
10K	Inductance: 33 mH Capacitance: 8.2nF Resonant Frequency: 9675.12 Hz.	Inductance: 31.4 mH Capacitance: 8.2nF Resonant Frequency: 9918.55 Hz.
12K	Inductance: 33 mH Capacitance: 5.6nF Resonant Frequency: 11,707.6 Hz.	Inductance: 31.4 mH Capacitance: 5.6nF Resonant Frequency: 12,002.2 Hz.
16K	Inductance: 27 mH Capacitance: 3.3nF Resonant Frequency: 16,860.9 Hz.	Inductance: 29.9 mH Capacitance: 3.3nF Resonant Frequency: 16,022.4 Hz.