

Filter Wizard Design Report

Filter Requirements for Low-Pass, 3rd order Butterworth

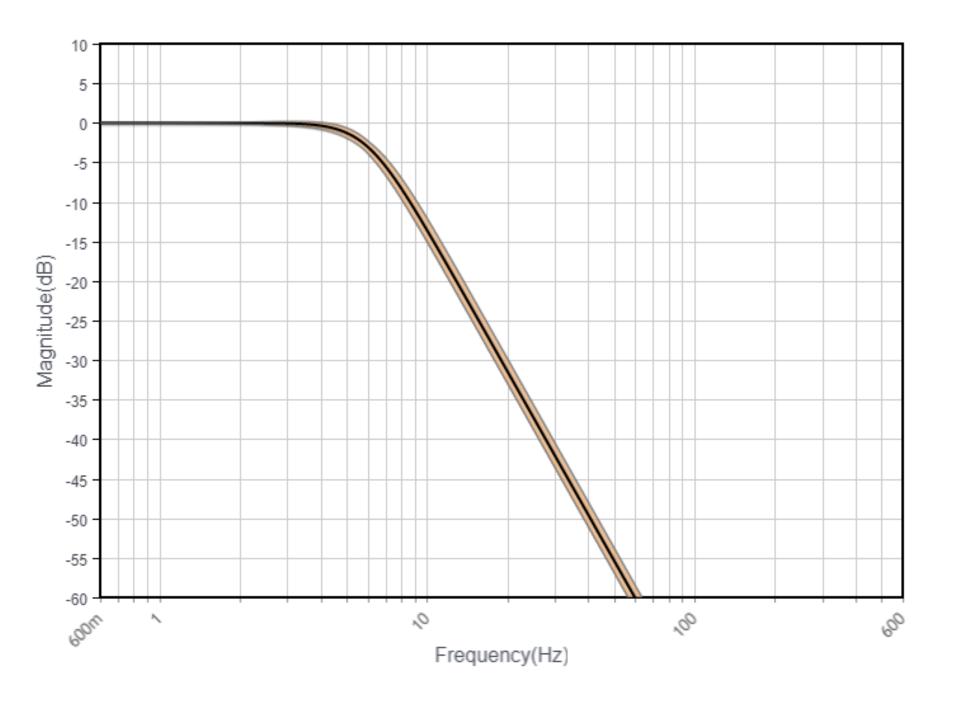
Specifications: Optimize for Specific Components, +Vs= 12, -Vs= -12

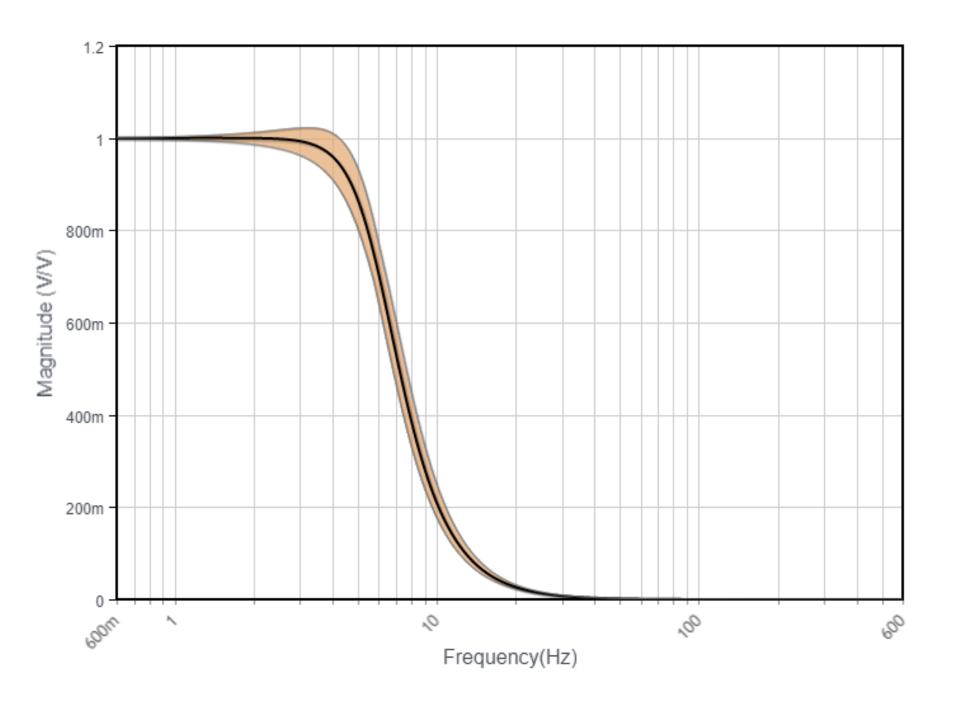
Gain: 0 dB

Passband: -3dB at 6Hz Stopband: -40dB at 60Hz

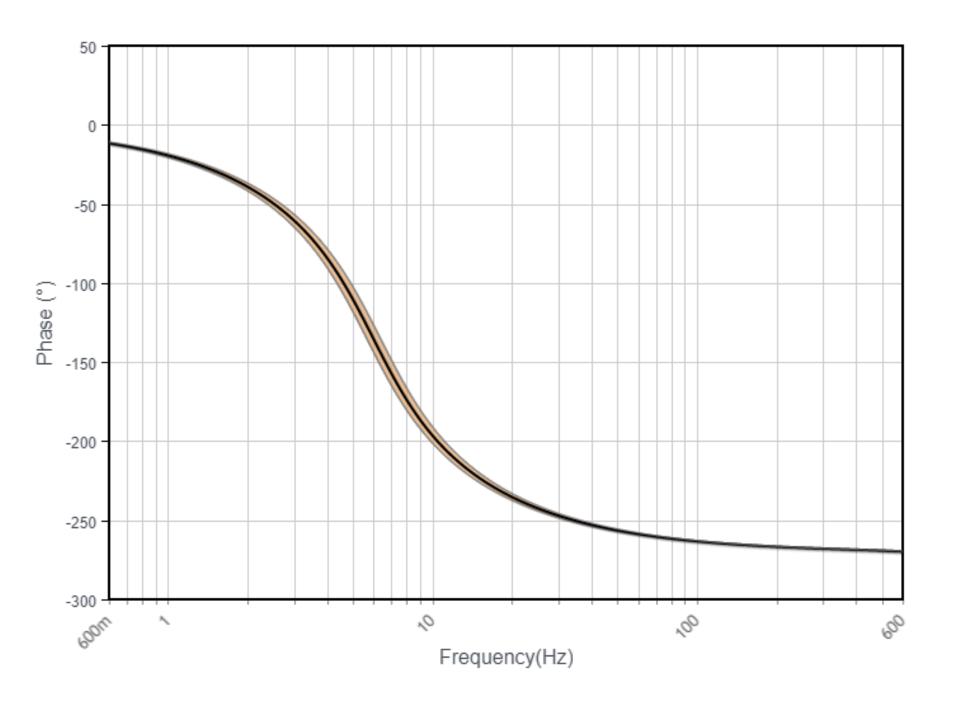
Component Tolerances: Capacitor = 5%; Resistor = 1%; Inductor = 5%; Op Amp GBW = 20%

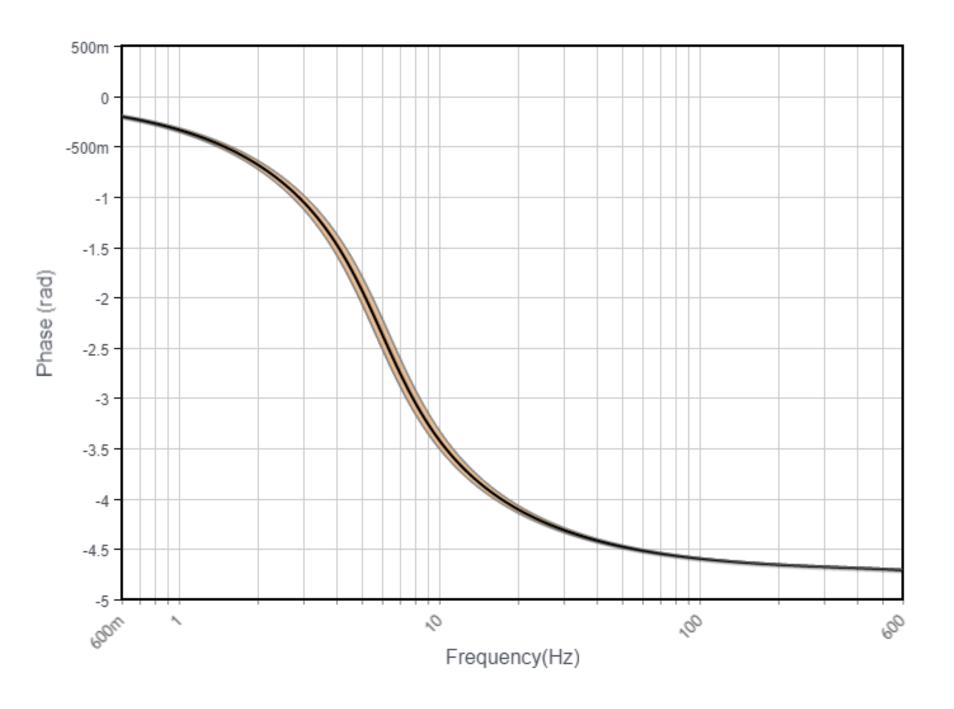
BOM: refer to BOM.csv file



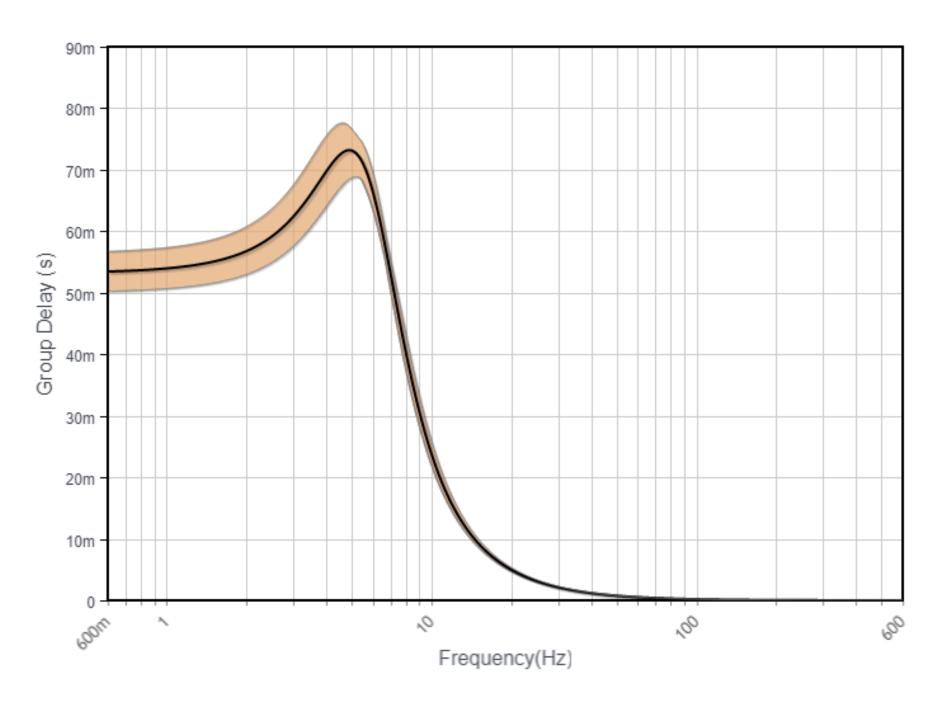


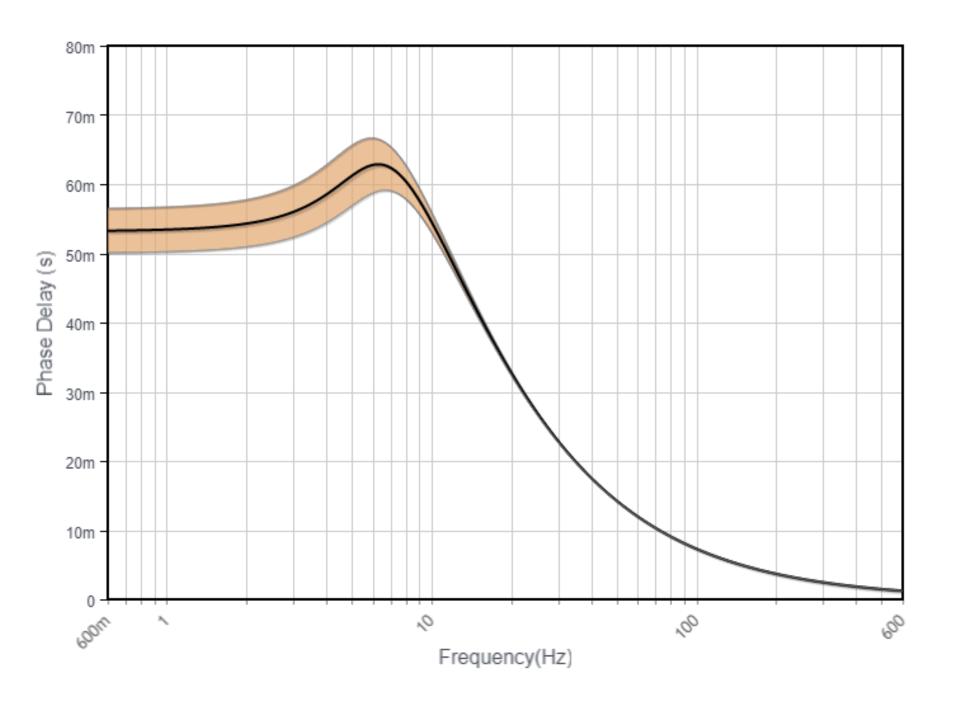
Phase(degrees)

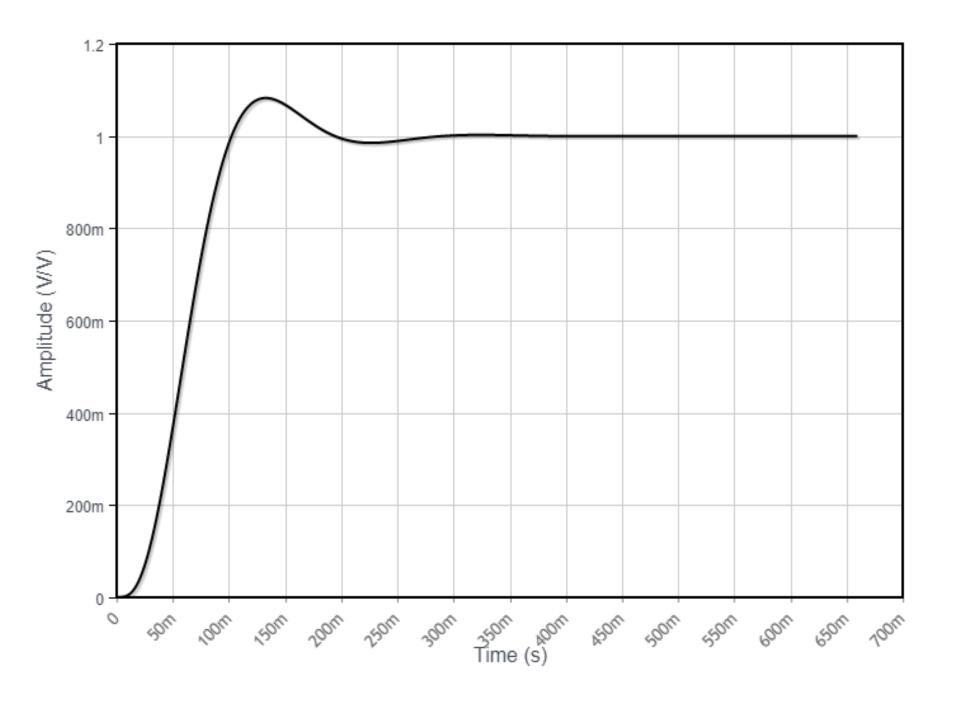




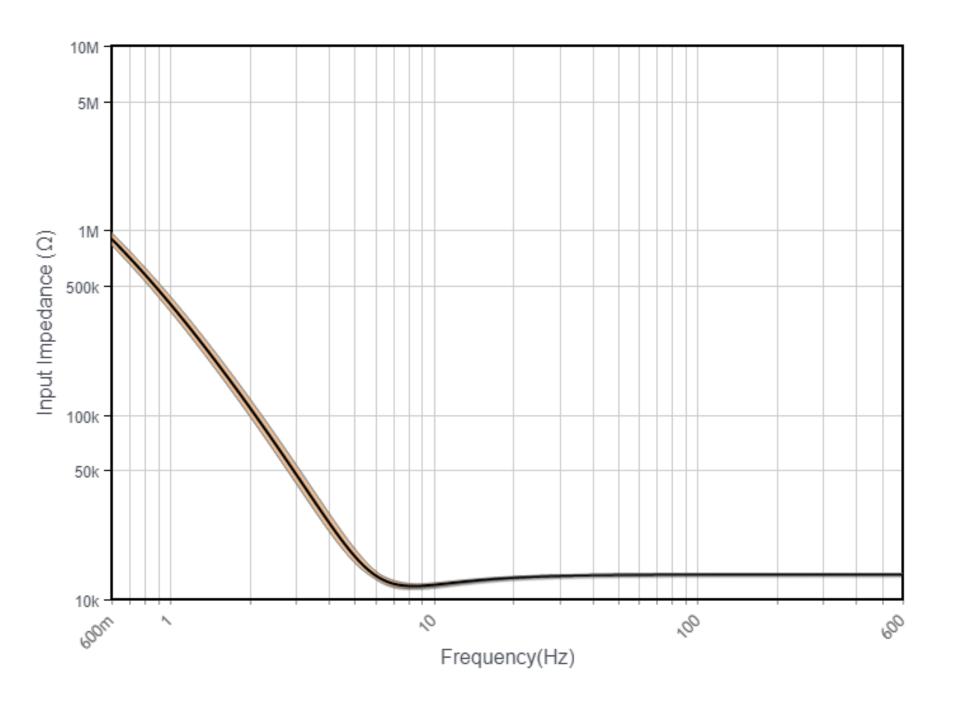
Group Delay

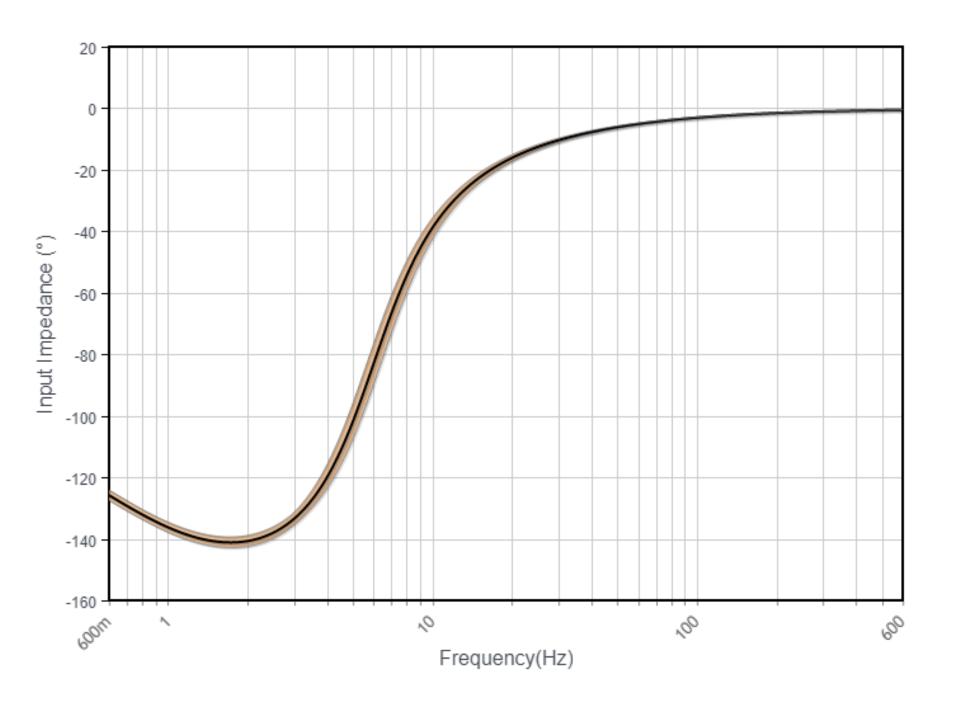


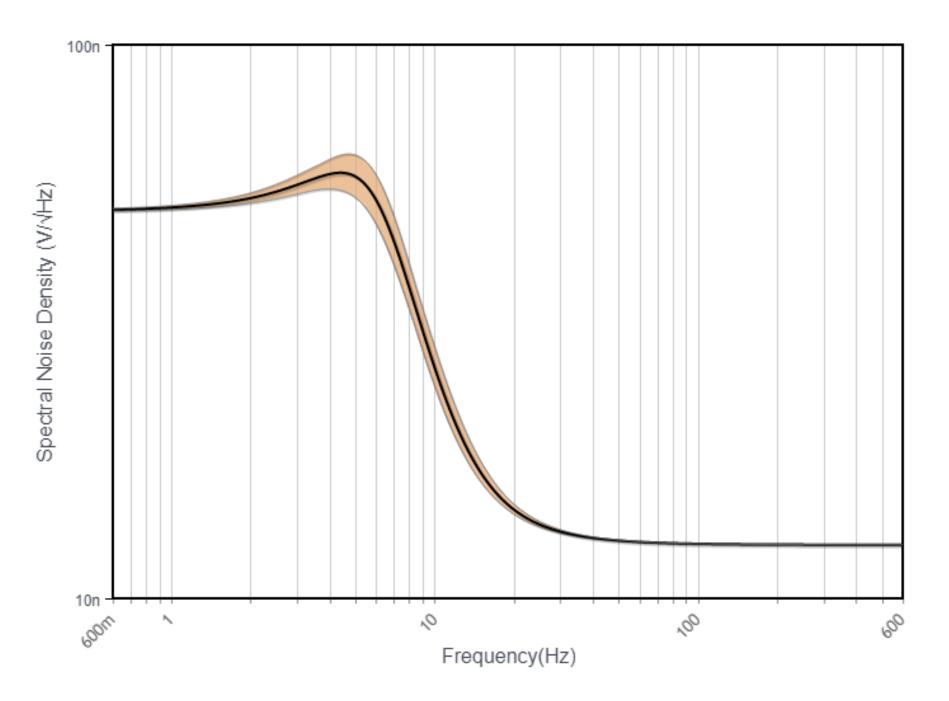




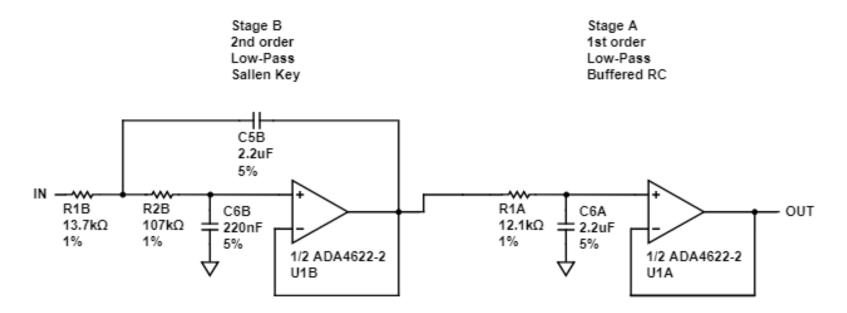
Input Impedance Magnitude

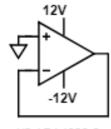




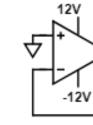


Circuit





1/2 ADA4622-2 U1B



1/2 ADA4622-2 U1A