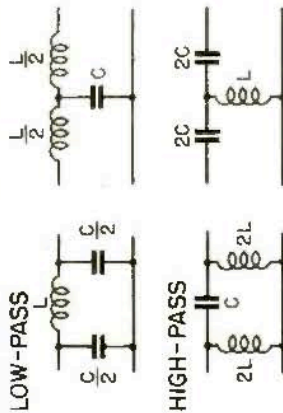


# AUDIO DESIGN NOTES

## ATTENUATION vs. FREQUENCY Single Constant k Section LOW or HIGH-PASS FILTER



$$L = \frac{R_0}{\pi f_c} \quad C = \frac{1}{\pi f_c R_0}$$

$$L = \frac{R_0}{4\pi f_c} \quad C = \frac{1}{4\pi f_c R_0}$$

Where  
 $f$  = Actual frequency  
 $f_c$  = Cutoff frequency  
 $R_0$  = Circuit impedance

