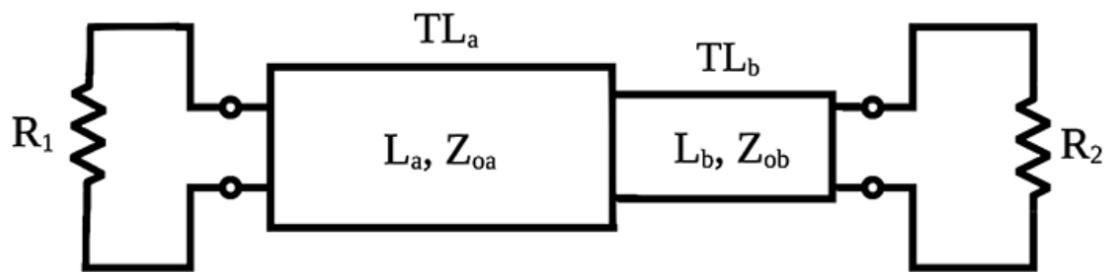


K1BUK Stepped Line Transformer Calculator



Enter data: R1 and R2 where $R_2 > R_1$, Characteristic Impedances (Z_{0a} and Z_{0b}) and Velocity Factors (V_{Fa} and V_{Fb}) for transmission lines TL_a and TL_b , and Frequency (MHz).

Then click Calculate button.

R1 (Ohms):
R2 (Ohms):
Z_{0a} (Ohms):
V_{Fa}:
Z_{0b} (Ohms):
V_{Fb}:
Freq. (MHz):

$L_a/\text{Wavelength}$ and $L_b/\text{Wavelength}$ are fractional wavelengths of ideal transmission lines ($V_{Fa} = V_{Fb} = 1$). Physical Lengths include Velocity Factors entered above.

Wavelength (m):
P:
S:
 $L_a/\text{Wavelength}$:
 $L_b/\text{Wavelength}$:
Physical Length TL_a (m):
Physical Length TL_a (ft):
Physical Length TL_b (m):
Physical Length TL_b (ft):