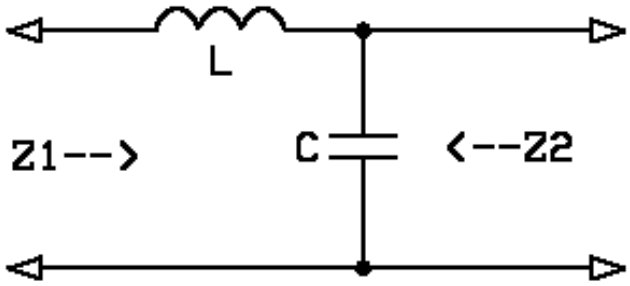
Freq/L/C/Z/Turns Calculator for **FT50-61**
Includes 1 inch / 2.5 cm pig-tails

MHz	uH	pF	ohms	turns	inches - cm		
0	0	0	0	0		Calc	Clear

enter uH to Calc number of turns, or
enter number of turns to Calc uH, or
enter two (2) items: MHz, uH, pF, ohms or turns to Calc all values.

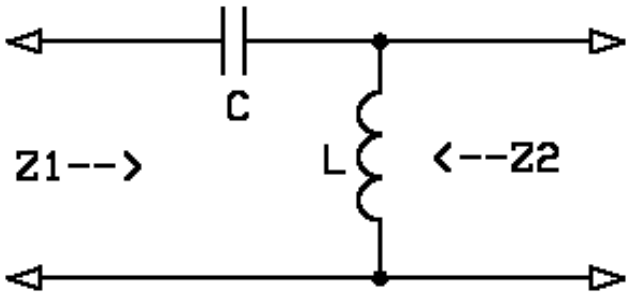
Impedance Matching Network Calculator using a FT50-61 where Z2 > Z1
Enter F(MHz), Z1(Ω) and Z2(Ω) below, then click the Calc button



X_L = sqrt (Z1*Z2 - Z1^2) = 1094Ω X_C = Z1*Z2 / X_L = 1096Ω

F(MHz)	Z1(Ω)	Z2(Ω)	L(uH)	L(turns)	L(inches - cm)	C(pF)		
0.455	600	2000	382.67	74.5	50.4 - 128.1	319.2	Calc	Clear

Impedance Matching Network Calculator using a FT50-61 where Z2 > Z1
Enter F(MHz), Z1(Ω) and Z2(Ω) below, then click the Calc button



X_L = Z2 * sqrt (Z1 / (Z2 - Z1)) = 1309Ω X_C = Z1*Z2 / X_L = 916Ω

F(MHz)	Z1(Ω)	Z2(Ω)	L(uH)	(Lturns)	L(inches - cm)	C(pF)		
0.455	600	2000	457.88	81.5	55.0 - 139.6	381.9	Calc	Clear

additional rf-impedance-matching-calculator

Freq/L/C/Z/Turns Calculator for **FT50-61**

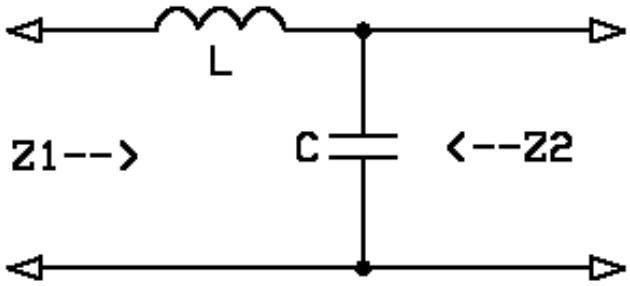
Includes 1 inch / 2.5 cm pig-tails

MHz	uH	pF	ohms	turns	inches - cm		
0	0	0	0	0		Calc	Clear

enter uH to Calc number of turns, or
enter number of turns to Calc uH, or
enter two (2) items: MHz, uH, pF, ohms or turns to Calc all values.

Impedance Matching Network Calculator using a FT50-61 where Z2 > Z1

Enter F(MHz), Z1(Ω) and Z2(Ω) below, then click the Calc button

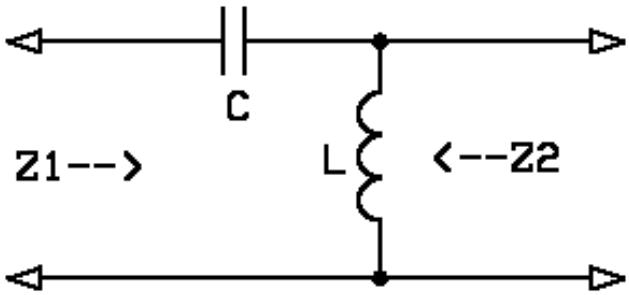


X_L = sqrt (Z1*Z2 - Z1^2) = 1413Ω X_C = Z1*Z2 / X_L = 1415Ω

F(MHz)	Z1(Ω)	Z2(Ω)	L(uH)	L(turns)	L(inches - cm)	C(pF)		
0.455	1000	2000	494.25	84.6	57.0 - 144.8	247.2	Calc	Clear

Impedance Matching Network Calculator using a FT50-61 where Z2 > Z1

Enter F(MHz), Z1(Ω) and Z2(Ω) below, then click the Calc button



X_L = Z2 * sqrt (Z1 / (Z2 - Z1)) = 2000Ω X_C = Z1*Z2 / X_L = 1000Ω

F(MHz)	Z1(Ω)	Z2(Ω)	L(uH)	(Lturns)	L(inches - cm)	C(pF)		
0.455	1000	2000	699.58	100.7	67.5 - 171.3	349.8	Calc	Clear

additional rf-impedance-matching-calculator