



DIPOLE 1
R 1=50.
19.2 turns AWG 24
on FT-50-61
F(L10C10)=
622.496264KHz
F[L10(C9+C10+C11)]
517.710506K

DIPOLE 3
C 3=.001043uF

DIPOLE 4
C 4=.002615uF
L 4=25.uHy
Qu~200.
19.2 turns AWG 24
on FT-50-61
DIPOLE 11
C 11=.001043uF
F(L4C4)=
622.496264KHz
F[L4(C3+C4+C5)]
517.710506K

DIPOLE 5
C 5=122.8038pF

DIPOLE 6
C 6=.003578uF
L 6=25.uHy
Qu~200.
19.2 turns AWG 24
on FT-50-61
F(L6C6)=
532.110715KHz
F[L6(C5+C6+C7)]
517.710506K

DIPOLE 7
C 7=79.03582pF

DIPOLE 8
C 8=.003578uF
L 8=25.uHy
Qu~200.
19.2 turns AWG 24
on FT-50-61
F(L8C8)=
532.110715KHz
F[L8(C7+C8+C9)]
517.710506K

DIPOLE 9
C 9=122.8038pF

DIPOLE 10
C 10=.002615uF
L 10=25.uHy
Qu~200.

4.th order (1/19/2009) Butterworth Coupled-Resonator Band-Pass
Center Frequency = 517.710506KHz
Bandwidth = 20.KHz @ 3 db
Design Impedance=1.611141K ohms
Input Impedance = 50. ohms
Output Impedance = 50. ohms
Capacitance Spread = C 6 : C 7 = 45.276
Inductance Spread = L 4 : L 4 = 1.

(1/19/2009) Butterworth Coupled-Resonator Band-Pass Schematic