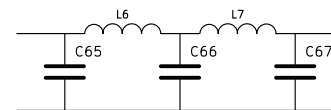


# Band Configuration Worksheet

<p>L1 160m 3.4uH 29T (18 in) #26 T37-2 (red) 80/40m 1.4uH 19T (13 in) #26 T37-2 (red)</p> <p>L2 40/30/20m 0.8uH 16T (11 in) #26 T37-6 (yellow) 30/20/17m 0.6uH 14T (10 in) #26 T37-6 (yellow)</p>	<p>T1 160m 2x4T (2x6 in) #30 BN-43-2402 80/40m 2x4T (2x6 in) #30 BN-43-2402 40/30/20m 2x4T (2x6 in) #30 BN-61-2402 30/20/17m 2x4T (2x6 in) #30 BN-61-2402</p>
<p>L3 160m 18.7uH 66T (35 in) #30 T30-2 (red) 80/40m 1.6uH 22T (11 in) #30 T25-2 (red) 40/30/20m 0.9uH 18T (10 in) #30 T25-6 (yellow) 30/20/17m 0.78uH 17T (9 in) #30 T25-6 (yellow)</p>	<p>T2 160m 1.4uH 18T (12in) 2x9T (2x7 in) #30 T30-2 (red) 80/40m 1.2uH 18T (11 in) 2x9T (2x6 in) #30 T25-2 (red) 40/30/20m 0.69uH 16T (9in) 2x8T (2x7 in) #30 T25-6 (yellow) 30/20/17m 0.6uH 14T (8 in) 2x7T (2x6 in) #30 T25-6 (yellow)</p>
<p>L4 160m 30uH 83T (44 in) #30 T30-2 (red) 80/40m 4.7uH 33T (19 in) #30 T30-2 (red) 40/30/20m 2.3uH 25T (15 in) #30 T30-6 (yellow) 30/20/17m 1.6uH 21T (14 in) #30 T30-6 (yellow)</p>	<p>T3 160m 2x20T (2x12 in) 7.1uH 40T (22 in) #30 T30-2 (red) 80/40m 2x17T (2x10 in) 5.0uH 34T (19 in) #30 T30-2 (red) 40/30/20m 2x13T (2x9 in) 2.43uH 26T (15 in) #30 T30-6 (yellow) 30/20/17m 2x11T (2x8 in) 1.74uH 22T (14 in) #30 T30-6 (yellow)</p>
<p>L5 Power supply RF choke. 4T (6 in) #26 BN-43-2402</p>	<p>T4 160m 6T (10 in) 2x3T (2x5 in) #30 BN-43-2402 80/40m 6T (10 in) 2x3T (2x5 in) #30 BN-43-2402 40/30/20m 6T (9 in) 2x3T (2x5 in) #30 BN-61-2402 30/20/17m 6T (9 in) 2x3T (2x5 in) #30 BN-61-2402</p>
<p>L6 80*/40m 2.5uH 29T (17 in) #26 T37-6 (yellow) 40*/30/20m 1.3uH 18T (12 in) #26 T37-2 (red)</p> <p>L7 30*/20/17m 0.9uH 15T (10 in) #26 T37-2 (red) * External LPF required to transmit on these bands.</p>	<p>T5 160m 2x4T (2x6 in) 5T (9 in) #30 BN-43-2402 80/40m 2x4T (2x6 in) 5T (9 in) #30 BN-43-2402 40/30/20m 2x3T (2x5 in) 5T (9 in) #30 BN-61-2402 30/20/17m 2x3T (2x5 in) 5T (9 in) #30 BN-61-2402</p>

	R10, R11	C18, C19	R47	C5, C7	C6	C8	C9	C42	C44	C11, C37, C43, C45	Leaded caps for external LPF C65, C67 C66	
160m	1.00k	1500pF	omit	2200pF	4700pF	390pF	5600pF	1000pF	270pF	0.1uF	N/A	N/A
80/40m	1.00k	1500pF	omit	470pF	820pF	560pF	680pF	220pF	220pF	0.1uF	390pF	1000pF
40/30/20m	4.99k	390pF	omit	220pF	470pF	330pF	470pF	100pF	100pF	0.1uF	220pF	470pF
30/20/17m	4.99k	390pF	68.1	150pF	330pF	180pF	220pF	82pF	82pF	0.1uF	100pF	330pF

External LPF



Receiver only mixes with odd harmonics so filters are designed very large. (1/5, 1/3, 3, 5, etc.) Transmitter will mix up on all harmonics (2, 3, 4, etc.) so an external LPF is necessary in some configurations.