

THREE ELEMENT PI-NETWORK LOW PASS FILTERS

WA3TFS

CHEBYSCHEV LOW PASS FILTERS ON T37-2 CORES FOR RF OUTPUT							USE #28 AWG
BAND	CUTOFF	L (uH)	TURNS	C IN/OUT	ACTUAL VALUES IN Pf		WIRE LENGTH
				<i>CALC.</i>	<i>C1</i>	<i>C2</i>	<i>INCHES</i>
160	2.5	3.65	30	1313	820+500	820+501	18
80	4.5	2.03	22	729	400+330	400+331	14
40	7.5	1.22	17	438	400+39	400+40	11
30	USE FILTER BELOW						
20	15	0.61	12	218	220	220	9
17	USE FILTER BELOW						
15	23	0.4	10	142	100+40	100+41	7
12	USE FILTER BELOW						
10	30	0.3	9	109	100	100	7

THESE ARE THE RECOMMENDED LOW PASS FILTERS TO BE USED ON THE OUTPUT TO ANTENNA