

Toroid Manufacturing Table							2011 MAR 27			
Part Number	Expected Value uH	Core Size	Core Manu	Color	Turns	Wire	NOTES	Total Usage	Location(s)	Location(s)
									RECEIVE	TRANSMIT
AL-T01	0.452	T37	Chinese	YELLOW	12T	# 24	20 MHz	1	L18	
AL-T02	0.729	T37	Chinese	YELLOW	15T	# 24	20 MHz	1	L16	
AL-T04	0.165	T50	Chinese	BLACK	6T	# 22	10 MHz	4	L20, L21	L07, L16
AL-T05	0.196	T50	Chinese	BLACK	7T	# 22	10 MHz	2	L19	L08
AL-T06	0.235	T50	Chinese	BLACK	8T	# 22	10 MHz	1		L15
AL-T07	0.311	T50	Chinese	BLACK	9T	# 22	10 MHz	5	L13	L10, L11, L13, L14
AL-T08	0.351	T50	Chinese	BLACK	10T	# 22	10 MHz	1		L12
AL-T09	0.434	T50	Chinese	BLACK	11T	# 22	10 MHz	1	L14	
AL-T10	0.511	T50	Chinese	BLACK	12T	# 22	10 MHz	1	L15	
AL-T11	0.562	T50	Chinese	BLACK	13T	# 22	10 MHz	2	L10	L09
AL-T14	1.135	T50	Chinese	BLACK	19T	# 22	10 MHz	1	L04	
AL-T16	1.38	T50	Chinese	BLACK	21T	# 22	10 MHz	1		L05
AL-T29	1.55	T50	MicroMetals	BLACK		# 22	10 MHz	2	L05, L06	
AL-T30	0.650	T50	MicroMetals	BLACK		# 22	10 MHz	3	L07, L11, L12	
AL-T31	0.942	T50	MicroMetals	BLACK		# 22	10 MHz	2	L08, L09	
AL-T32	1.18	T50	MicroMetals	BLACK		# 22	10 MHz	1		L06
AL-T17	1.66	T50	Chinese	RED	20T	# 22	4 MHz	1		L04
AL-T18	2.02	T50	Chinese	RED	22T	# 22	4 MHz	1		L03
AL-T20	3.5	T50	Chinese	RED	28T	# 24	4 MHz	2	L01	L02
AL-T21	4.4	T50	Chinese	RED	31T	# 24	4 MHz	1		L01
AL-T24	6.25	T50	Chinese	RED	37T	# 24	4 MHz	2	L02, L03	
AL-T23	NA	FT50-43	FairRite	DULL GRAY	20T	# 22	Plus a separate single turn winding, #18 teflon insulated thru center	2		T1, T2
NOTES										
See attached note and diagram about toroid winding conventions. (Direction of winding)										
All toroids assume equally spaced turns for values shown.										
An inductance value tolerance of +/- 5 percent is assumed for black cores.										
An inductance value tolerance of +/- 10 percent is assumed for red or yellow cores.										
Test frequencies for inductance values: RED = 4 MHz., BLACK = 10 MHz., YELLOW = 20 MHz.										
An inductance test meter that tests at sub 1 MHz frequencies will give very different values.										