

# FERRITE TOROIDAL CORES

MATERIAL 77 (upgrade of the 72 material)								Permeability 2000
Core number	O.D. (inches)	I.D. (inches)	Hgt. (inches)	$\epsilon_e$ (cm)	$A_e$ (cm) <sup>2</sup>	$V_e$ (cm) <sup>3</sup>	$A_L$ Value mh/1000 turns	
FT-23 -77	.230	.120	.060	1.34	.021	.029	396	
FT-37 -77	.375	.187	.125	2.15	.076	.163	884	
FT-50 -77	.500	.281	.188	3.02	.133	.401	1100	
FT-50A -77	.500	.312	.250	3.68	.152	.559	1200	
FT-50B -77	.500	.312	.500	3.18	.303	.963	2400	
FT-82 -77	.825	.520	.250	5.26	.246	1.294	1170	
FT-114 -77	1.142	.750	.295	7.42	.375	2.783	1270	
FT-114A-77	1.142	.750	.545	7.42	.690	5.120	2340	
FT-140 -77	1.400	.900	.500	9.02	.806	7.270	2250	
FT-240 -77	2.400	1.400	.500	14.40	1.570	22.608	3130	

MATERIAL 'F'								Permeability 3000
Core number	O.D. (inches)	I.D. (inches)	Hgt. (inches)	$\epsilon_e$ (cm)	$A_e$ (cm) <sup>2</sup>	$V_e$ (cm) <sup>3</sup>	$A_L$ Value mh/1000 turns	
FT-87A -F	.870	.540	.500	5.42	.315	1.710	3700	
FT-114 -F	1.142	.750	.295	7.42	.375	2.783	1902	
FT-150 -F	1.500	.750	.250	8.30	.591	4.905	2640	
FT-150A-F	1.500	.750	.500	8.30	1.110	9.213	5020	
FT-193 -F	1.932	1.250	.625	12.31	1.360	16.742	3640	
FT-193A-F	1.932	1.250	.750	12.31	1.620	19.942	4460	

MATERIAL 'J' (75)								Permeability 5000
Core number	O.D. (inches)	I.D. (inches)	Hgt. (inches)	$\epsilon_e$ (cm)	$A_e$ (cm) <sup>2</sup>	$V_e$ (cm) <sup>3</sup>	$A_L$ Value mh/1000 turns	
FT-23 -J	.230	.120	.060	1.34	.021	.029	990	
FT-37 -J	.375	.187	.125	2.15	.076	.163	2110	
FT-50 -J	.500	.281	.188	3.02	.133	.401	2750	
FT-50A -J	.500	.312	.250	3.68	.152	.559	2990	
FT-87 -J	.870	.540	.250	5.42	.261	1.414	3020	
FT-87A -J	.870	.540	.500	5.42	.315	1.710	6040	
FT-114 -J	1.142	.750	.295	7.42	.375	2.783	3170	
FT-140A-J	1.400	.900	.590	9.02	.806	7.270	6736	
FT-150 -J	1.500	.750	.250	8.30	.591	4.905	4400	
FT-150A-J	1.500	.750	.500	8.30	1.110	9.213	8370	
FT-193 -J	1.500	1.250	.625	12.31	1.360	16.742	6065	
FT-193A-J	1.932	1.250	.750	12.31	1.620	19.942	7435	
FT-240 -J	2.400	1.400	.500	14.40	1.570	22.608	6845	
FT-337 -J	3.375	2.187	.500	— Available on Request Only. —				

All items are standard stock. All orders placed by 2:00 pm shipped the same day.