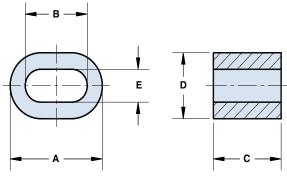
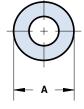
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Miscellaneous Suppression Cores

Fair-Rite has tooled several special core geometries in the 43 & 77 material for suppression of conducted EMI.

- These suppression cores are controlled for impedance only. The impedances listed are typical values. Single turn tests are performed on the 4193A Vector Impedance Analyzer with the shortest practical wire length.
- Performance curves on these miscellaneous cores are included on the Fair-Rite Products CD-ROM.
- For any non-catalog suppression core design feel free to contact our customer service or application group for feasibility and availability.
- Explanation of Part Numbers: Digits 1&2 = product class and 3&4 = the material grade.





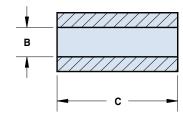
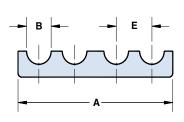


Figure 1

Figure 2



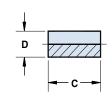
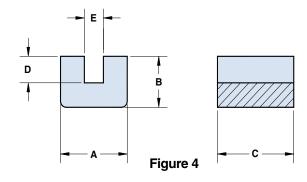


Figure 3



Dimensions (Bold numbers are in millimeters, light numbers are nominal in inches.)

Part Number	Fig.	A	В	C*	D	E	Typical Impedance (Ω)				
							1 MHz	10 MHz	25 MHz	100 MHz	250 MHz
2643167851	1	38.85±0.75 1.530	26.15±0.75 1.030	28.6±0.7 1.125	26.0±0.6 1.025	12.95±0.25 .510		60	94	169	250
2643165151	3	82.6±1.6 3.250	13.1±0.3 .516	28.0±0.7 1.100	12.95±0.25 .510	19.05±0.4 .750	1	100	163	280	340
2643175451	4	17.8±0.4 .700	12.7±0.5 .500	20.32±0.5 .800	6.6±0.25 .260	5.08±0.25 .200		75	119	180	270
2677006302	2	9.5±0.25 .375	4.75+0.3 .193	10.4±0.25 .410			25	48	33		
2677102402	2	25.9±0.75 1.020	12.8±0.25 .505	21.3±0.5 .840			52	28	24		

^{*}This dimension may be modified to suit specific applications.