Fair-Rite Products Corp.
Your Signal Solution®

Miscellaneous Suppression Cores (2677006302)

Part Number: 2677006302

77 SHIELD BEAD

Explanation of Part Numbers:
– Digits 1 & 2 = Product Class
– Digits 3 & 4 = Material Grade

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

For any non- catalog suppression core design feel free to contact our customer service or application group for feasibility and availability.

The “C” dimension, the core length, can be modified to suit specific applications.

Weight: 2.2 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	9.5	±0.25	0.375	_
B	4.75	+0.30	0.193	_
C	10.4	±0.25	0.41	_

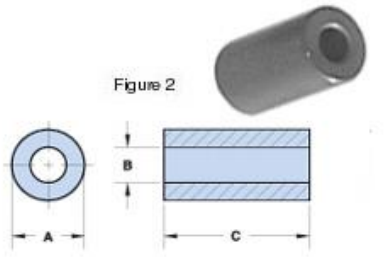


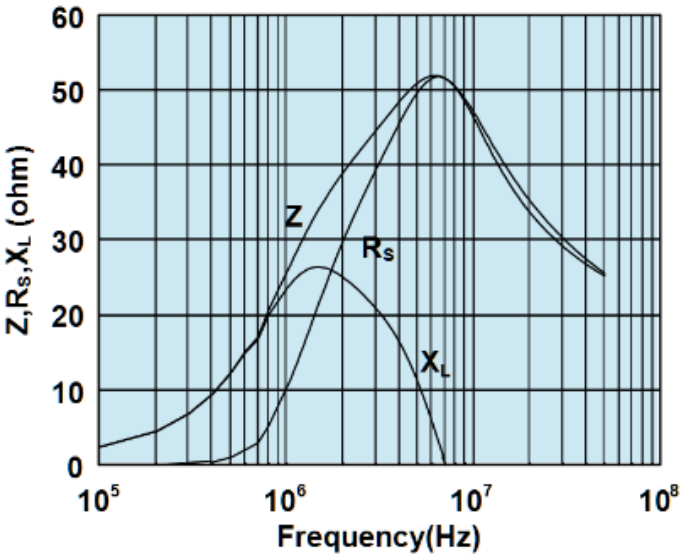
Figure 2

Chart Legend
+ Test frequency
•Figures 3 & 4 tested in pairs

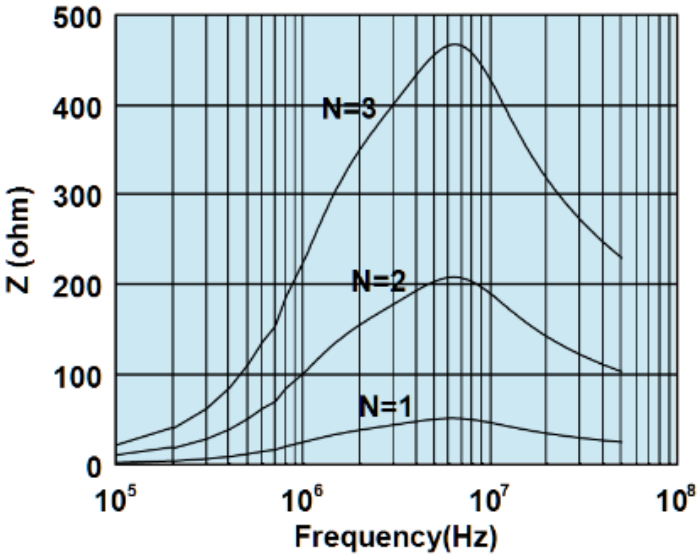
Typical Impedance (Ω)	
1 MHz	25
10 MHz+	40
25 MHz+	33

These suppression cores are controlled for impedance only. The minimum impedance is typically the listed impedance less 20%. Single turns tests are performed on the 4193A Vector Impedance Analyzer with the shortest practical wire length.

2677006302



Impedance, reactance, and resistance vs. frequency.



Impedance vs. frequency with one, two, and three turns.