

Miscellaneous Suppression Cores (2643167851)



Part Number: 2643167851

43 FULL FLAT CABLE CORE

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.**

[Catalog Drawing](#)

[3D Model](#)

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

Weight: 85 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	38.85	±0.75	1.53	—
B	26.15	±0.75	1.03	—
C	28.6	±0.70	1.125	—
D	26	±0.60	1.025	—
E	12.95	±0.25	0.51	—

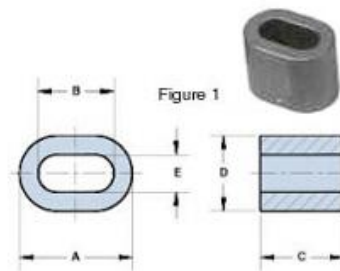


Chart Legend

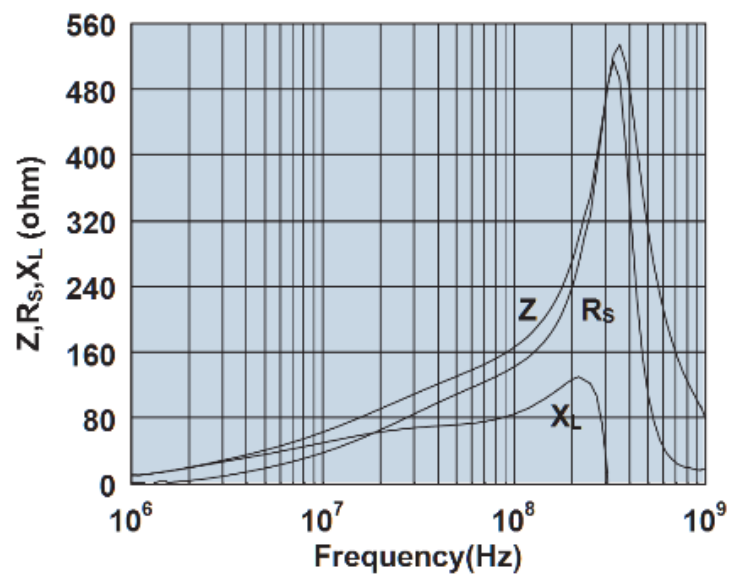
+ Test frequency

• Figures 3 & 4 tested in pairs

Typical Impedance (Ω)	
10 MHz	60
25 MHz ⁺	94
100 MHz ⁺	169
250 MHz	250

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.

2643167851



Impedance, reactance, and resistance vs. frequency.