

# Miscellaneous Suppression Cores (2643175451)



Part Number: 2643175451

43 SPLIT SUPPRESSOR 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.**

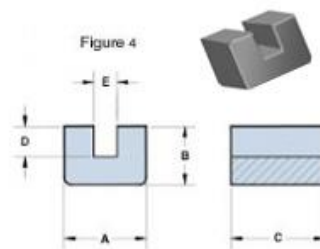
[Catalog Drawing](#)

[3D Model](#)

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

Weight: (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	17.8	—	0.7	
B	12.7	—	0.5	
C	20.32	—	0.8	
D	6.6	±0.25	0.26	—
E	5.08	±0.25	0.2	—



**Chart Legend**

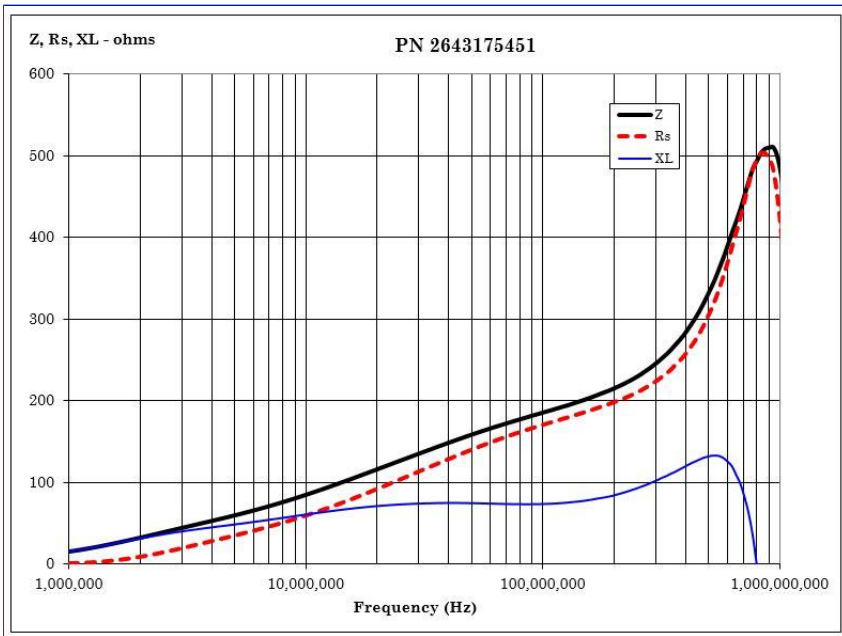
- + Test frequency
- Figures 3 & 4 tested in pairs

Typical Impedance (Ω)	
10 MHz	85
25 MHz <sup>+</sup>	127
100 MHz <sup>+</sup>	186
250 MHz	230

These suppression cores are controlled for impedance only. The minimum impedance is listed on our catalog drawing.

[Catalog Drawing](#)

Single turns tests are performed on the E4991A / HP4291B Impedance Analyzer with the shortest practical wire length.



[CSV Download](#)