Fair-Rite Products Corp.
Your Signal Solution®

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	_

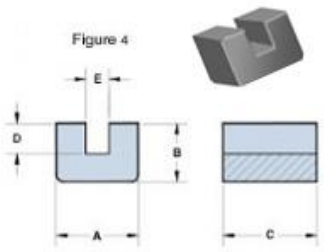


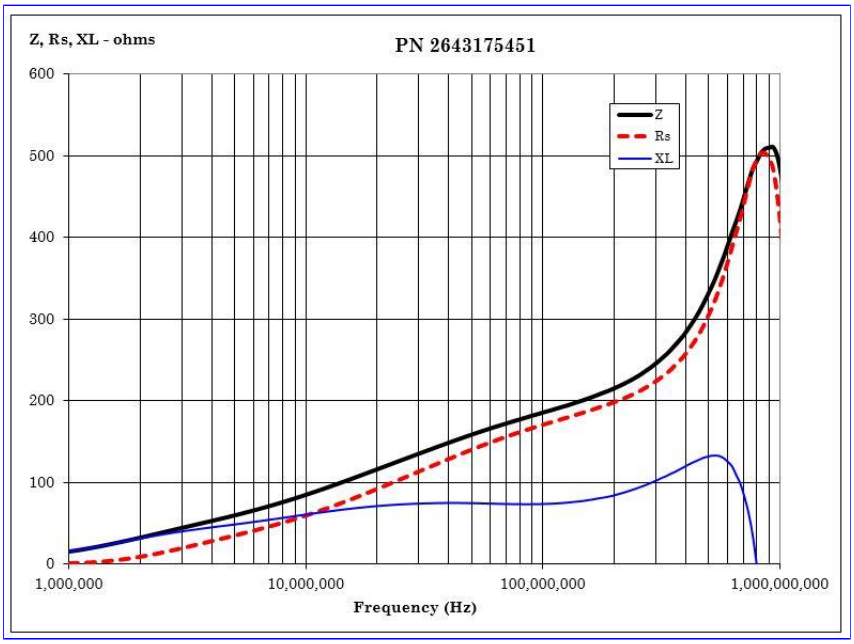
Chart Legend
+ Test frequency
•Figures 3 & 4 tested in pairs

Typical Impedance (Ω)	
10 MHz	85
25 MHz+	127
100 MHz+	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

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