Fair-Rite Products Corp.
Your Signal Solution®

Miscellaneous Suppression Cores (2643165151)

Part Number: 2643165151

43 SPLIT ROUND 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: (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	82.6	_	3.252	
B	13.1	_	0.516	
C	28	_	1.102	
D	12.95	±0.25	0.51	_
E	19.05	±0.40	0.75	_
F	6.40	/>(0.252”)	0.252	

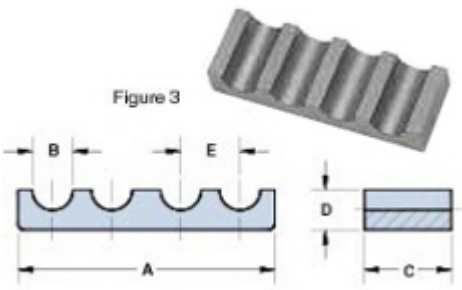


Chart Legend
+ Test frequency
•Figures 3 & 4 tested in pairs

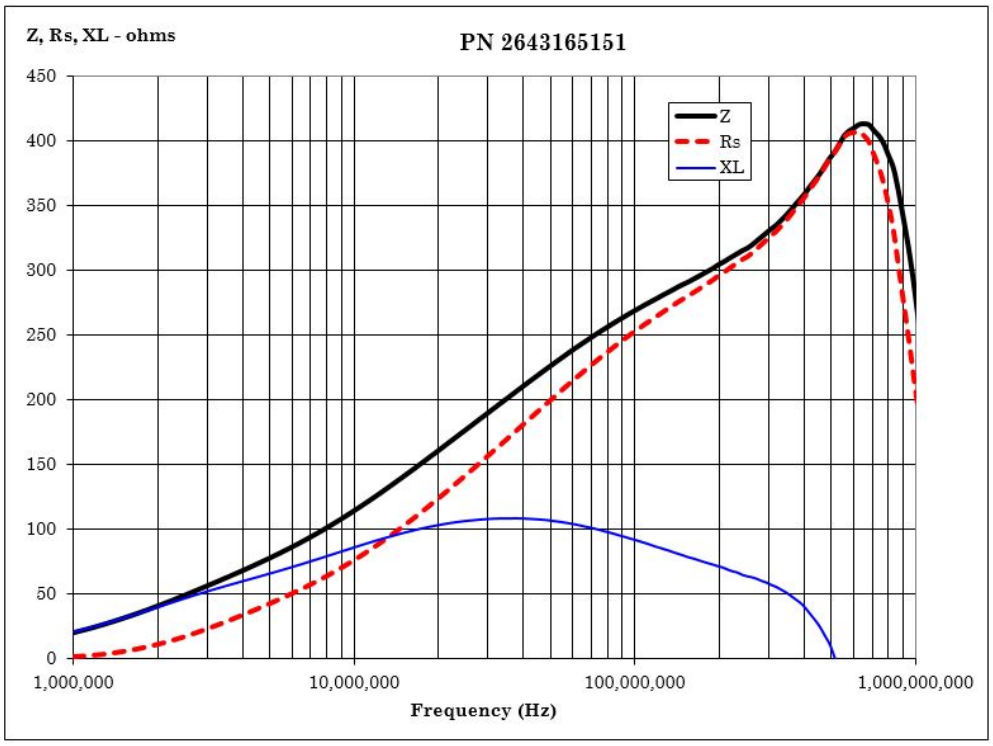
Typical Impedance (Ω)	
10 MHz	114
25 MHz+	177
100 MHz+	270
250 MHz	317

These suppression cores are controlled for impedance only. The minimum impedance is typically the listed impedance less 20%.

Catalog Drawing

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

Typical Impendance (Ω)	
10 MHz	100
25 MHz+	163
100 MHz+	280
250 MHz	340



CSV Download

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