Fair-Rite Products Corp.
Your Signal Solution®

Miscellaneous Suppression Cores (2677102402)

Part Number: 2677102402

77 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	25.9	_	1.02	
B	12.8	_	0.504	
C	21.3	_	0.839	

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

Typical Impedance (Ω)	
1 MHz	63
10 MHz^{+}	29.5
25 MHz^{+}	23

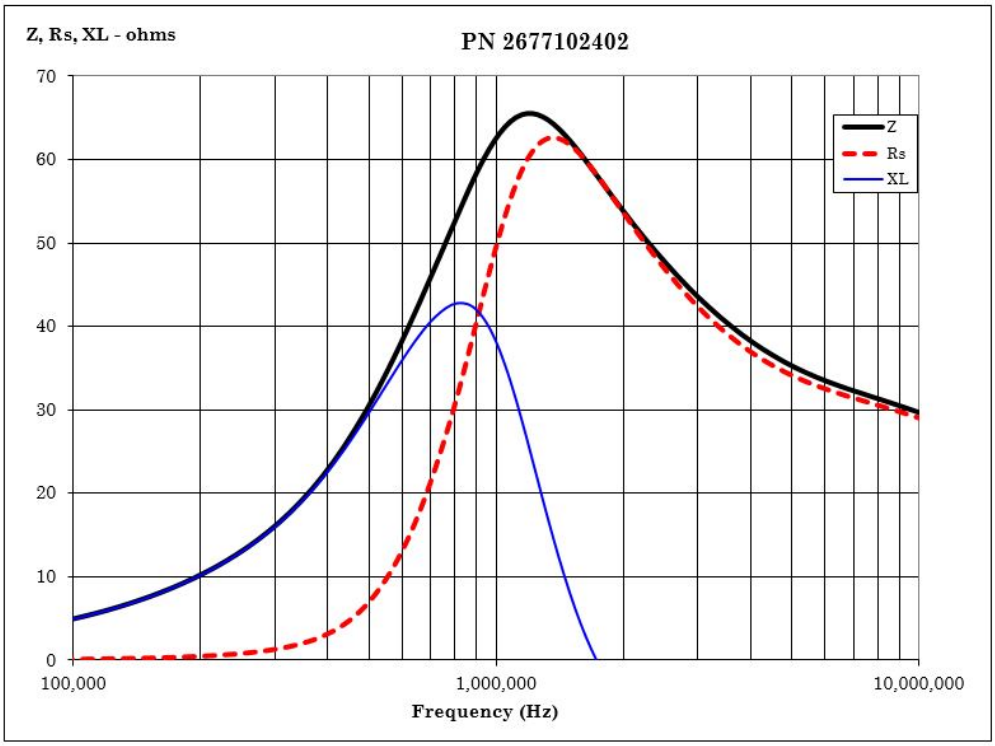
These suppression cores are controlled for impedance only. The minimum impedance is typically the

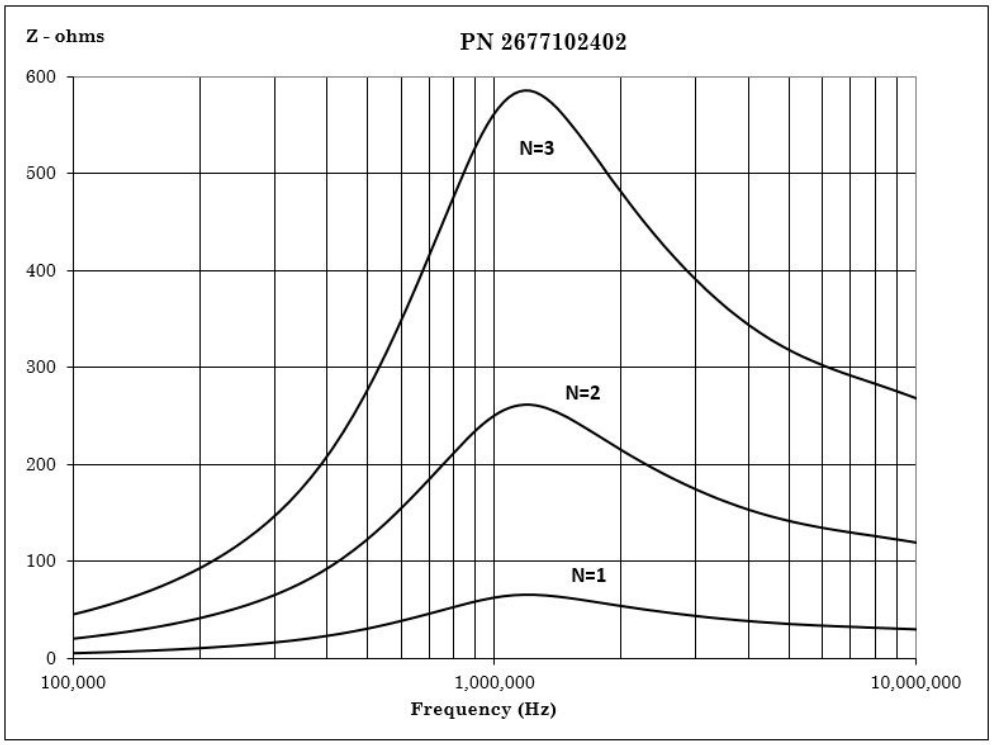
listed impedance less 20%.

Catalog Drawing

Single turns tests are performed on the E49990A Impedance Analyzer with the shortest practical wire length.

Typical Impendance (Ω)	
1 MHz	52
10 MHz+	25
25 MHz+	23





CSV Download

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