

Miscellaneous Suppression Cores (2677006302)

Part Number: 2677006302

77 SHIELD BEAD

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	9.5	—	0.374	
B	4.75	—	0.193	
C	10.4	—	0.409	

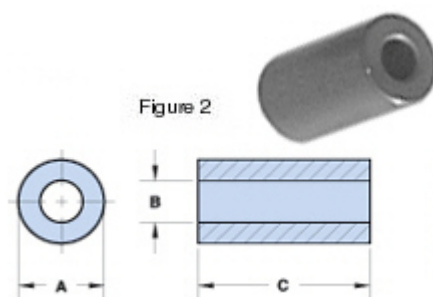


Chart Legend

+ Test frequency

• Figures 3 & 4 tested in pairs

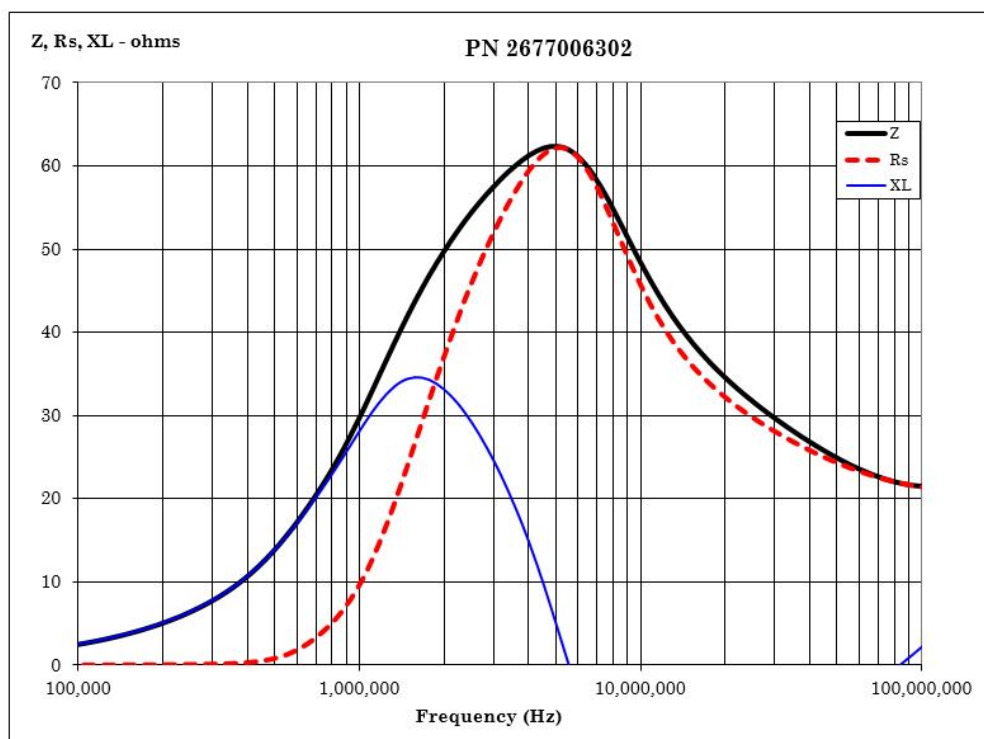
Typical Impedance (Ω)	
1 MHz	31
10 MHz ⁺	48
25 MHz ⁺	31

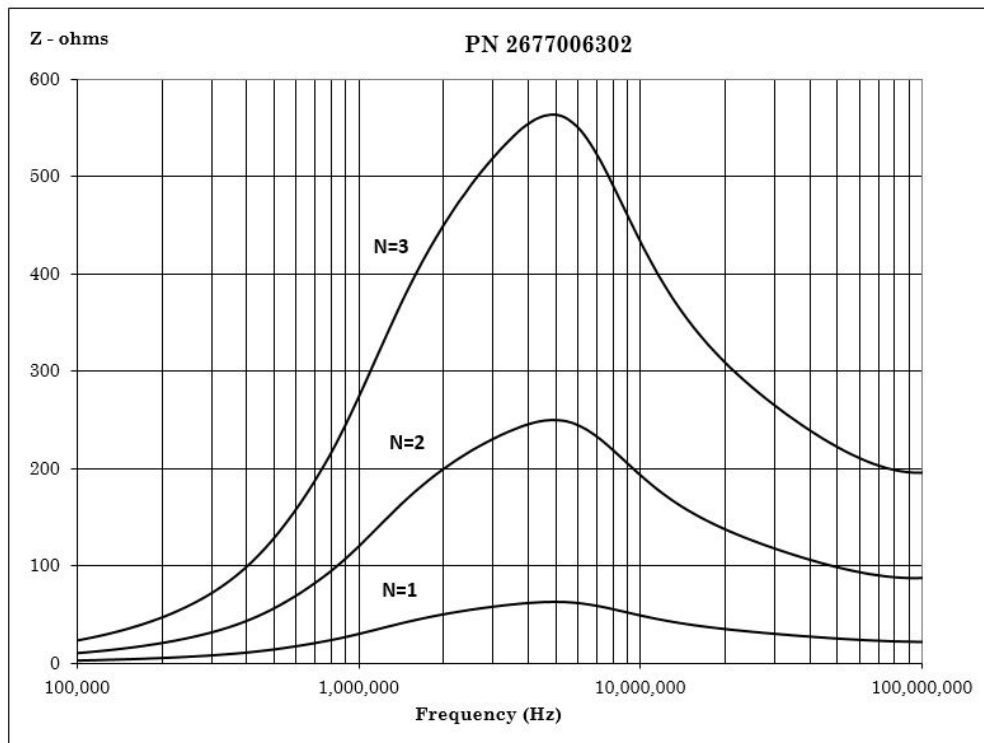
These suppression cores are controlled for impedance only. The minimum impedance is typically the listed impedance less 20%.

[Catalog Drawing](#)

Single turns tests are performed on the E4990A Impedance Analyzer with the shortest practical wire length.

Typical Impedance (Ω)	
1 MHz	25
10 MHz ⁺	40
25 MHz ⁺	33





[CSV Download](#)

Fair-Rite Products Corp. • One Commercial Row, Wallkill, New York 12589-0288
888-324-7748 • 845-895-2055 • Fax: 845-895-2629 • ferrites@fair-rite.com • www.fair-rite.com