

Round Cable EMI Suppression Cores (2661103002)

Part Number: 2661103002

61 ROUND CABLE CORE

Explanation of Part Numbers:

- Digits 1 & 2 = Product Class
- Digits 3 & 4 = Material Grade
- Last digit 2 = Burnished (All cable cores have been burnished to remove the sharp edges)

Fair-Rite offers a broad selection of ferrite EMI suppression cable cores in several materials with guaranteed minimum impedance specifications.

For smaller suppression parts, refer to the section EMI Suppression Beads.

Our Expanded Cable and Suppressor Kit (part number 0199000005) contains a selection of these suppression cores.

For any cable suppression core not listed here, feel free to contact our customer service group for availability and pricing.

[Catalog Drawing](#)
[3D Model](#)

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

Weight: 116 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	31.6	±0.75	1.244	—
B	19.55	±0.50	0.77	—
C	50.8	±1.00	2	—

Cable Information			
Max Diameter	Max Dimension	Solid Equivalent	Flat Cable Cores
00	—	0431176451	-

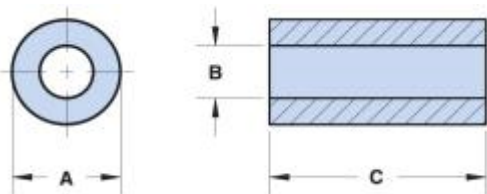


Chart Legend

+ Test frequency

Typical Impedance (Ω)

100 MHz ⁺	332
250 MHz	585
500 MHz ⁺	485
1000 MHz ⁺	1000

Electrical Properties

H(Oe)	0.17
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Suppression cable cores are controlled for impedances only. Minimum impedance values are specified for the + marked frequencies. The minimum impedance is typically the listed impedance less 20%.

Single turn impedance tests for 31, 43 and 46 material cores are performed on the E4991A/HP4291B Impedance Analyzer. The 61 material parts are tested on the E4991A / HP4291B Impedance Analyzer and 75 material parts are tested on the E4990A Impedance Analyzer. Cores are tested with the shortest practical wire length.

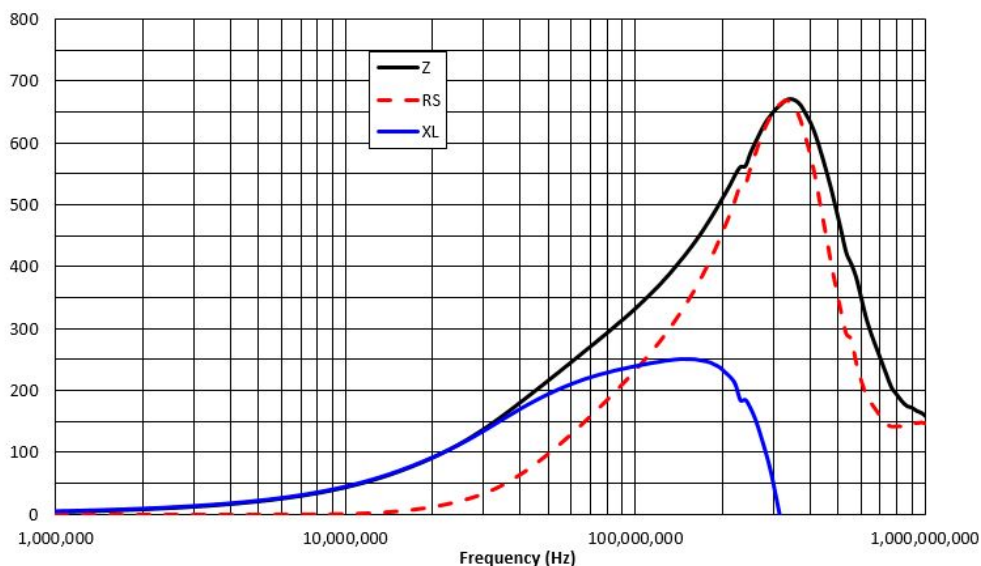
Typical Impedance (Ω)

100 MHz	332
250 MHz	585
500 MHz ⁺	485
1000 MHz ⁺	200

[CSV Download](#)

Z, RS, XL (ohms)

PN 2661103002



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