

Flat Cable EMI Suppression Cores (2643168751)



Part Number: 2643168751

43 FULL FLAT CABLE CORE

Explanation of Part Numbers:

- Digits 1 & 2 = Product Class
- Digits 3 & 4 = Material Grade

Flat cable suppression core can accommodate multi- conductors flat cables, in widths from 12.7 mm (0.500) up to 77 mm (3.0). These flat cable cores are available in two ferrite material grades to reduce conducted EMI from 1 MHz to hundreds of MHz.

Our Expanded Cable & Suppressor Kit (part number 0199000005) contains a selection of these flat cable cores and clips.

Flat Cable Cores are available in selected sizes in the Flex Circuit & Ribbon Cable Core Kit (part number 0199000038).

Assembly clips are available for most of the split flat cable cores. See section Flat Cable Cores Assembly clips.

[Catalog Drawing](#)

[3D Model](#)

Weight: 13 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	25.4	±0.75	1	—
B	17.8	±0.50	0.7	—
C	12.7	±0.40	0.5	—
D	10.15	±0.25	0.4	—
E	2.55	±0.25	0.1	—

Cable Information			
Max Diameter	Max Dimension	Solid Equivalent	Flat Cable Cores
0	17.30 x 2.30	—	-

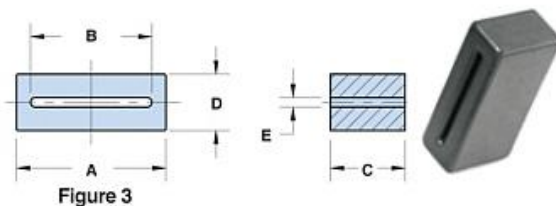


Chart Legend

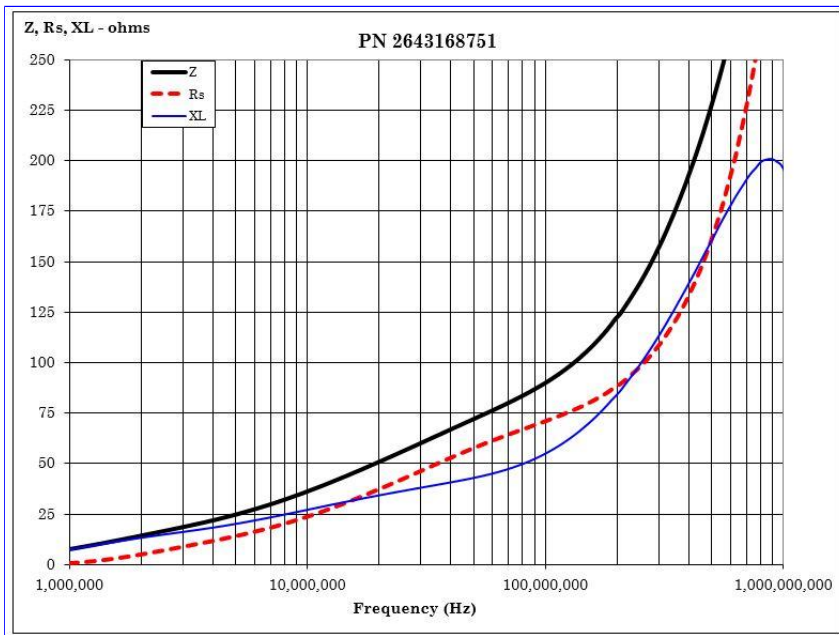
- + Test frequency
- For assembly clips see Flat Cable Cores Assembly Clips

Typical Impedance (Ω)	
10 MHz	36
25 MHz ⁺	56
100 MHz ⁺	90
250 MHz	142

Flat cable suppression cores, split or single cores, are controlled for impedances only. Minimum impedance values are specified for the + marked frequencies. The minimum impedance is listed on our catalog drawing.

[Catalog Drawing](#)

Centered, single turn impedance tests for the 31 and 43 material parts are performed on the E4990A Impedance Analyzer. All tests are made with the shortest practical wire length.



[CSV Download](#)

Fair- Rite Products Corp. • One Commercial Row, Wallkill, New York 12589-0288
888-324-7748 • 845-895-2055 • Fax: 845-895-2629 • [\[email protected\]](#) • www.fair-rite.com

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for [Ferrite Cable Cores](#) category:

Click to view products by [Fair-Rite](#) manufacturer:

Other Similar products are found below :

[FB73-422](#) [FX28R0984-0](#) [FX28R0984-2](#) [AB 3X2X3SM](#) [2643164251](#) [2643665709](#) [2661626402](#) [LB 2.8X4.5U](#) [28R1127](#) [28R1260](#) [28R1575](#)
[SM28R0760](#) [2631006302](#) [2643165451](#) [2643178351](#) [28R0760](#) [4327 030 11761](#) [SS7X4X3W](#) [4327 030 16141](#) [2643103102](#) [2643164151](#)
[2943666671](#) [2643163851](#) [AB4X2X6SM](#) [28B1101](#) [SM28R1575](#) [2643625902](#) [2643626102](#) [28B0268-000](#) [28B0375-100](#) [28B0375-300](#)
[28B0500-100](#) [28B0562-000](#) [28B0562-200](#) [28B0625-100](#) [28B1020-100](#) [28B1417-200](#) [28R1101-000](#) [28R1102-100](#) [28R1127-500](#) [28R0453-](#)
[200](#) [28R0669-000](#) [28R0898-200](#) [28R0756-200](#) [28R0480-000](#) [28R1127-000](#) [28R0984-200](#) [28R2170-100](#) [28R0592-010](#) [28R0756-000](#)