

Part Number: 0443166651

43 FLAT CABLE CORE ASSEMBLY

Explanation of Part Numbers:

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

Flat Cable Snap-Its for use on multi-conductor flat cables to suppress common-mode conducted EMI from 1MHz to hundreds of MHz. These Flat Cable Snap-Its are available in two ferrite materials, 31 and 43. The polypropylene cases are meeting the RoHS restrictions of hazardous substances and have a flammability rating of UL 94 V-0.

The Expanded Cable and Suppressor Kit (Part number 0199000005) contains several Flat Cable Snap-It assemblies.

[Catalog Drawing](#)

[3D Model](#)

Weight: 80 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	49.5	+/- 2.5	1.948	_
B	33.70	_	1.327	_
C	32.3	+/- 1.6	1.272	_
D	7.70	+/- 0.5	0.303	_

Cable Information			
Max Diameter	Max Dimension	Solid Equivalent	Flat Cable Cores
00	33.70 x 1.30	_	-



Chart Legend

+ Test frequency

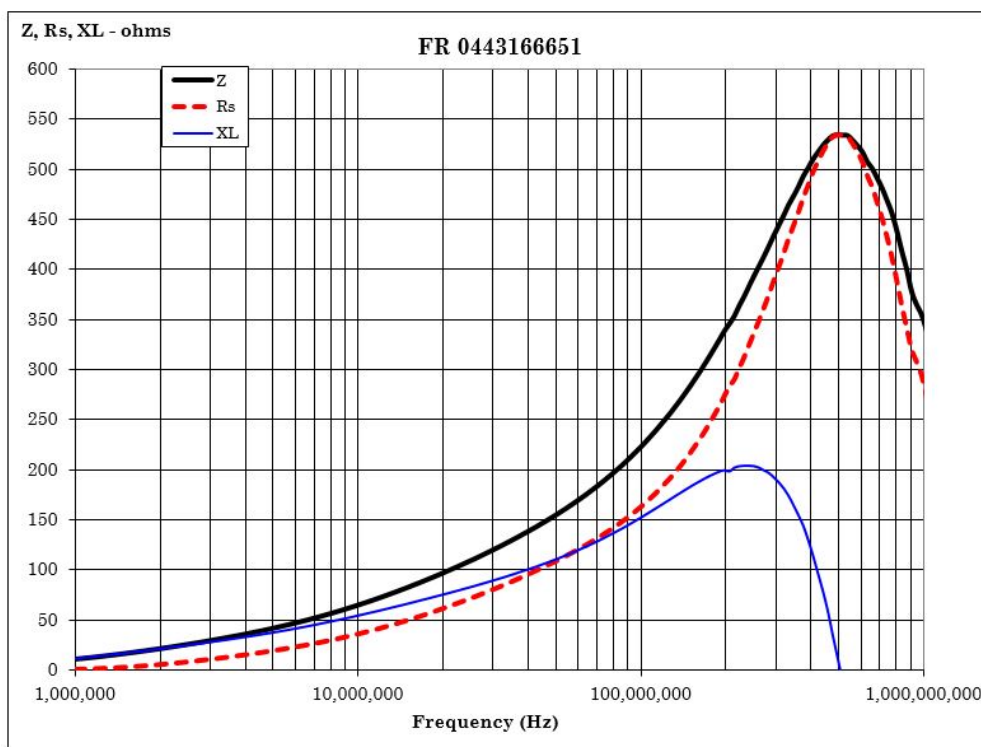
Typical Impedance (Ω)	
10 MHz	65
25 MHz ⁺	109
100 MHz ⁺	223
250 MHz	390

Flat Cable Snap-It assemblies are controlled for impedances only. Minimum impedance values are specified for the + marked frequencies. The minimum impedance is typically the listed impedance less 20%.

[Catalog Drawing](#)

Centered, single turn impedance tests on the 31 and 43 material parts are performed on the E4991A/HP4291B Impedance Analyzer. Cores are tested with the shortest practical wire length.

Typical Impedance (Ω)	
10 MHz	60
25 MHz ⁺	110
100 MHz ⁺	290
250 MHz	435



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