Fair-Rite Products Corp.
Your Signal Solution®

Flat Cable Snap- Its (0443164051)

Part Number: 0443164051

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.

Weight: 130 (g)

Dim	mm	mm tol	nominal inch	inch misc.
A	80.8	_	3.18	_
B	65.3	_	2.57	_
C	32.3	_	1.272	_
D	8.1	_	0.32	_

Cable Information			
Max Diameter	Max Dimension	Solid Equivalent	Flat Cable Cores
0 0	64.00 x 1.30	_	-

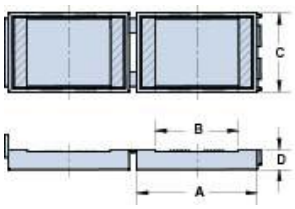


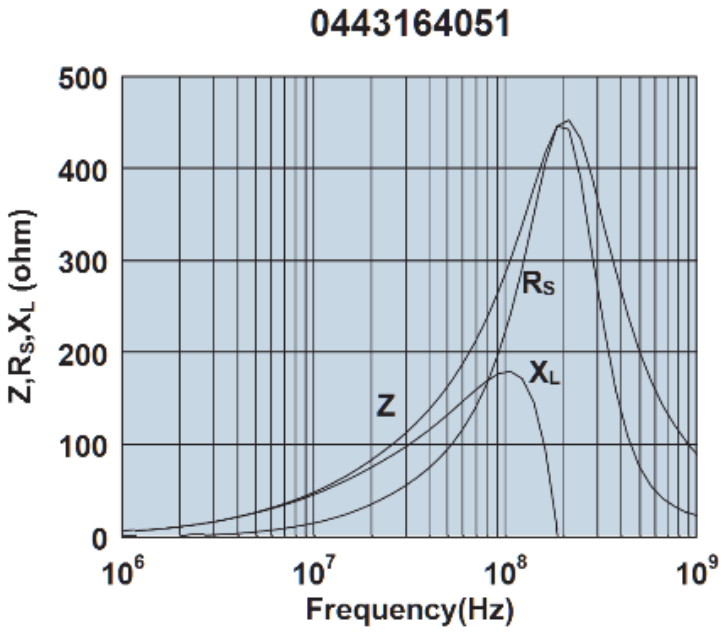


Chart Legend
+ Test frequency

Typical Impedance (Ω)	
10 MHz	48
25 MHz+	100
100 MHz+	290
250 MHz	420

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%.

Centered, single turn impedance tests on the 31 and 43 material parts are performed on the 4193A Vector Impedance Analyzer. Cores are tested with the shortest practical wire length.



Impedance, reactance, and resistance vs. frequency.

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