Fair-Rite Products Corp.
Your Signal Solution®

Flat Cable Snap-It™ (0443166651)

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-It™ for use on multi-conductor flat cables to suppress common-mode conducted EMI from 1MHz to hundreds of MHz. These Flat Cable Snap-It™ 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: 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
0 0	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

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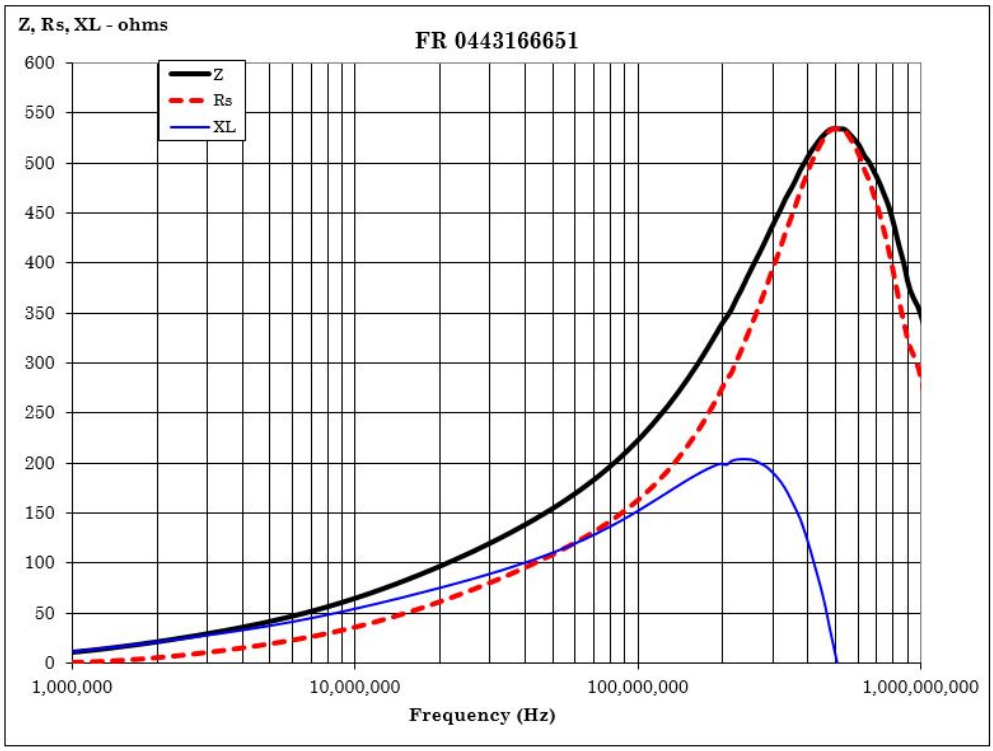
less 20%.

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 Impendance (Ω)	
10 MHz	60
25 MHz^{+}	110
100 MHz^{+}	290
250 MHz	435



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