Fair-Rite Products Corp.

Your Signal Solution®

Flat Cable Snap- Its (0443166651)



Part Number: 0443166651

43 FLAT CABLE CORE ASSEMBLY

Explanation of Part Numbers: - Digits 1 & 2 = Product Class - Digits 3 & 4 = Material Grade

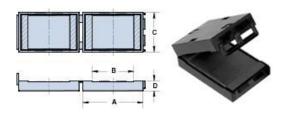
Flat Cable Snap- Its for use on multi- conductor flat cables to suppress common- mode conducted EMI from 1MHz to hundreds of MHz. These Flat Cable Snap- Its are available in two ferrite materials, 31 and 43. The polypropylene cases are meeting the RoHS restrictions of hazardous substances and have a 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.	Cable Inform	Cable Information				
А	49.5	+/- 2.5	1.948		Max	Max	Solid	Flat Cable		
В	33.70		1.327		Diameter	Dimension	Equivalent	Cores		
С	32.3	+/- 1.6	1.272		0	33.70 x 1.30		_		
D	7.70	+/- 0.5	0.303		0		-			



MaxMaxSolidFlat CableDiameterDimensionEquivalentCores033.70 x 1.30									
0	Max	Max	Solid	Flat Cable					
0 0 33.70 x 1.30	Diameter	Dimension	Equivalent	Cores					
	0 0	33.70 x 1.30	_	-					

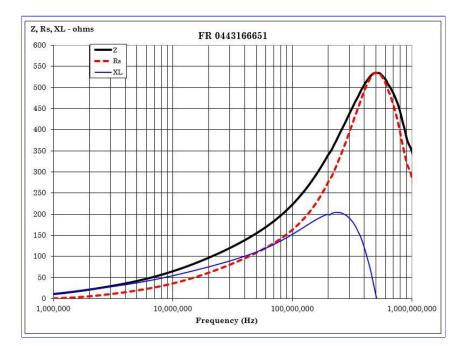
Chart Legend + Test frequency		
Typical Impedance (Ω)		

Typical Impedan	$ce(\Omega)$
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 listed on our catalog drawing.

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.



CSV Download

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