



Flat Cable Snap-Its (0443163951)



Part Number: 0443163951

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: 110 (g)

| Dim | mm | mm tol | nominal inch | inch misc. |
|-----|-------|----------|--------------|------------|
| A | 68.00 | +/- 2.00 | 2.677 | _ |
| B | 51.00 | _ | 2.008 | _ |
| C | 32.5 | +/- 1.5 | 1.28 | _ |
| D | 7.90 | +/- 0.5 | 0.311 | _ |

| Cable Information | | | |
|-------------------|---------------|------------------|------------------|
| Max Diameter | Max Dimension | Solid Equivalent | Flat Cable Cores |
| 0 | 51.00 x 1.30 | _ | - |

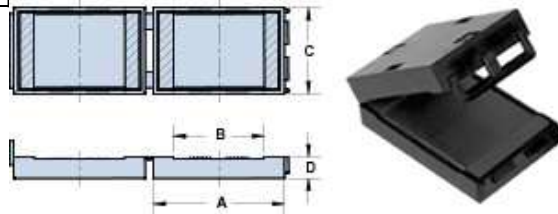


Chart Legend

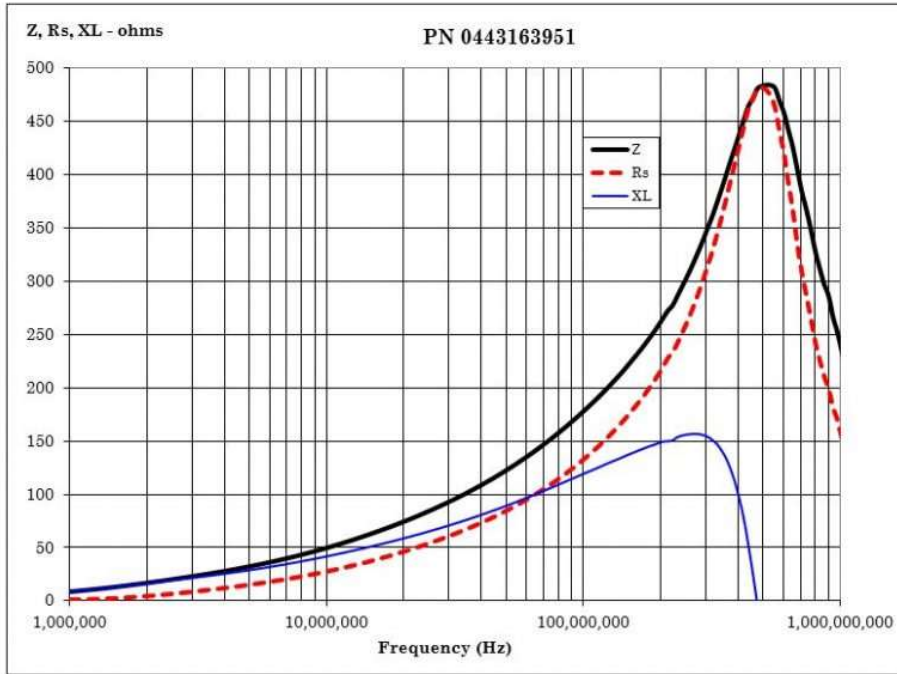
+ Test frequency

| Typical Impedance (Ω) | |
|--------------------------------|-----|
| 10 MHz | 50 |
| 25 MHz ⁺ | 84 |
| 100 MHz ⁺ | 178 |
| 250 MHz | 300 |

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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