Round Cable Snap-It™ (0443625006)

Part No. 0443625006

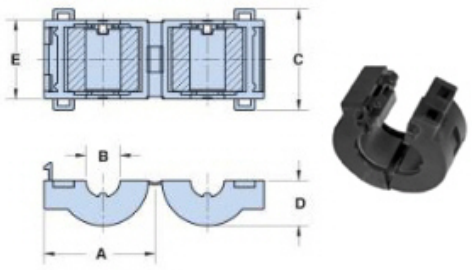


Figure 3

Part Number	0443625006
Description	43 ROUND CABLE CORE ASSEMBLY
Part Type	Round Cable Snap-It™
Frequency Range	43 Material®
Application Type	Suppression Components
Where Used	Cable Component
Material Grade	43

ORDERING INFORMATION

Part Number: 0443625006

43 ROUND CABLE CORE ASSEMBLY

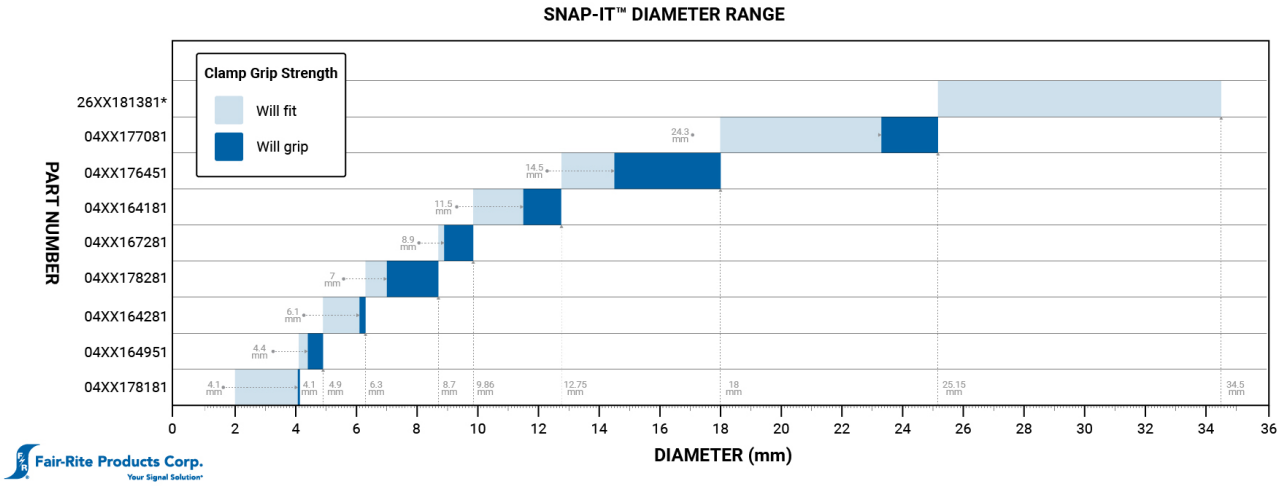
Explanation of Part Numbers:
– Digits 1 & 2 = Product Class
– Digits 3 & 4 = Material Grade

Round cable snap-it™ can easily accommodate round cables or bundled wires with diameters from 2.5 mm (0.100) to 25.4 mm (1.000). These assemblies are available in four ferrite material classes to suppress differential or common-mode conducted EMI from 1 MHz into the GHz region. The polypropylene cases are meeting the RoHS restrictions of hazardous substances and have a flammability rating of UL 94 V-0.

Many of the snap-it™ parts have round core equivalents. See Round Cable EMI Suppression Cores.

Round Cable Snap-It™ Kits are available for each of the four suppression materials. 31 Snap-It™ Kit (0199000030), 43 Snap-It™ Kit (0199000031), 46 Core and Snap-It™ Kit (0199000032) and 61 Snap-It™ Kit (0199000033).

MECHANICAL SPECIFICATIONS



The B dimension is the core inside diameter.

Weight: 13 (g)

Chart Legend
•Dimensions (Top numbers are in millimeters, bottom numbers are in nominal inches.).
•For solid cable cores, see Round Cable EMI Suppression Cores

Dim	mm	mm tol	nominal inch	inch misc.
A	24.7	+/- 1.0	0.972	_
B	7.6	_	0.299 min	
C	22.8	+/- 1.0	0.898	_
D	10.0	+/- 0.75	0.394	_
E	17.8	+/- 1.0	0.701	_

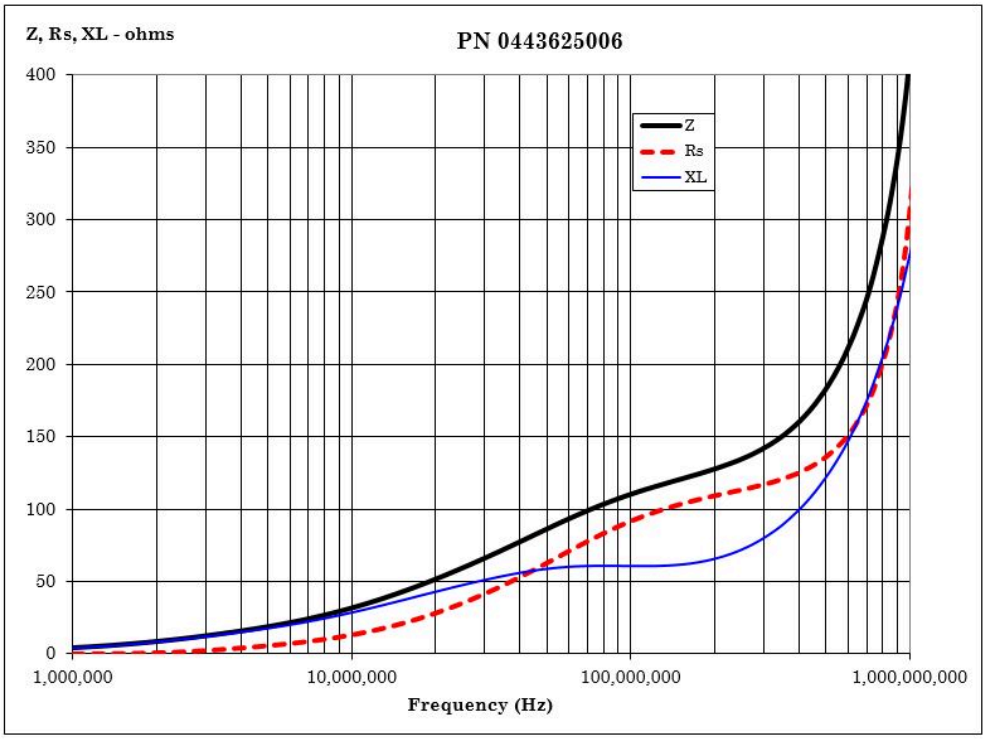
ELECTRICAL SPECIFICATIONS

Chart Legend
+ Test frequency
•For solid cable cores, see Round Cable EMI Suppression Cores

Typical Impedance (Ω)	
10 MHz	31
25 MHz+	59
100 MHz+	110
250 MHz	134

Round 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%.

Single turn impedance tests for 31, 43 and 46 material cores are performed on the E4991A/HP4291B Impedance Analyzer. The 61 material parts are tested on the E4991A / HP4291B Impedance Analyzer and 75 material parts are tested on the E4990A Impedance Analyzer. Cores are tested with the shortest practical wire length.



CSV Download

Fair-Rite Products Corp.
One Commercial Row, Wallkill, New York 12589-0288
888-324-7748 • 845-895-2055 • Fax: 845-895-2629 • ferrites@fair-rite.com •
www.fair-rite.com

This document was generated automatically from Fair-Rite's product database. For the most current specifications, visit **fair-rite.com**.