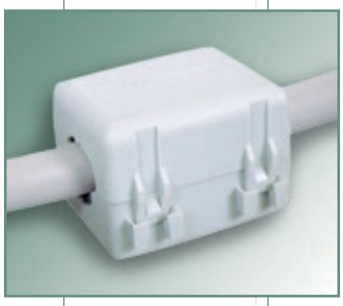
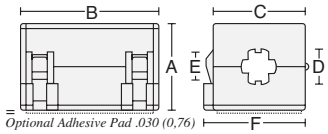


sleeve snap

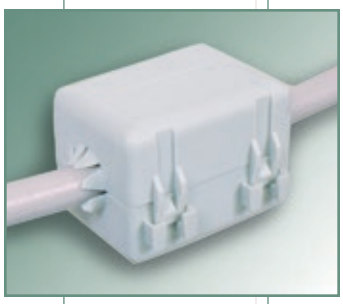
Box-shaped ferrite assembly in enclosed nylon case. Various sizes are functional with wires up to .400" (10,2 mm) diameter. Simply clamp around cable or wire; plastic tabs at entry/exit ports apply pressure to cable surface to maintain mounting position. Options include foam adhesive pad on bottom.



Available in standard colors gray (i.e., SS20B2030) and black (i.e., SS20B2030K)

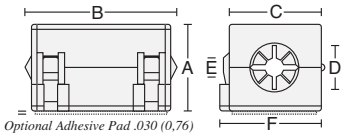
Patent No. 5,764,125

PART No.	w/ Adhesive	A	B	C	D	E	F
SS20B2030	AS20B2030	.790 20,1	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5
SS20B2033	AS20B2033	.790 20,1	1.265 32,1	.770 19,6	.350 8,8	.290 7,4	.885 22,5
SS20B2041	AS20B2041	.965 24,5	1.285 32,6	.930 23,6	.450 11,4	.380 9,7	1.035 26,3



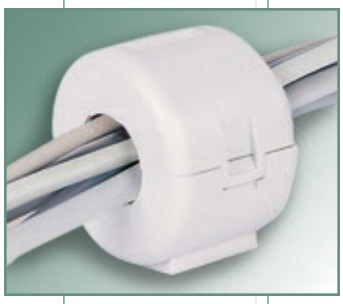
sleeve snap

WITH VARIABLE DIAMETER END PORTS. Box-shaped ferrite assembly in fully enclosed nylon case. End ports are surrounded with flexible spring flutes to grip a range of cable diameters from .125" to .400" (3,2 to 10,2 mm). Special mounting options include foam adhesive pad on bottom.



Patent No. 5,003,278 and Patent No. 5,764,125

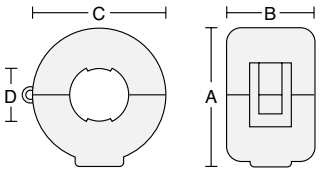
PART No.	w/ Adhesive	A	B (ref.)	C	D	E	F
SS20B2034	AS20B2034	.585 14,9	1.250 31,8	.585 14,9	.250 6,4	.120 3,0	.680 17,3
SS20B2037	AS20B2037	.790 20,1	1.450 36,8	.770 19,6	.350 8,8	.200 5,1	.885 22,5
SS20B2042	AS20B2042	.965 24,5	1.480 37,6	.930 23,6	.425 10,8	.170 4,3	1.035 26,3



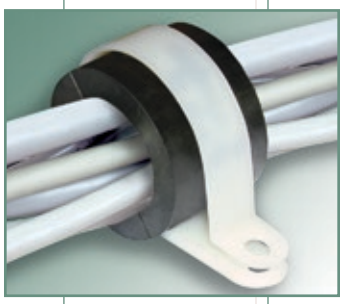
cable snap for cable bundles

Ferrite assembly in fully enclosed nylon case; functional with wires and cables up to a 2.0" (50,8mm) diameter. Snap closed around wire by clasping shut to position assembly.

May also be mounted with a flat-head screw through the .120" (3,0mm) diameter hole in the bottom by temporarily removing lower ferrite half.

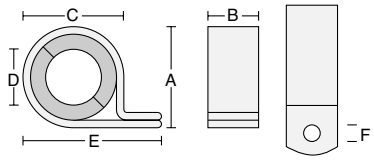


PART No.	A	B	C	D
CS20B1500	1.725 43,8	1.232 31,3	1.720 43,7	.960 24,4
CS20B2000	2.350 59,7	1.851 47,0	2.309 58,6	.960 24,4
CS20B4000	4.500114,2	1.851 47,0	4.687119,0	1.960 49,8

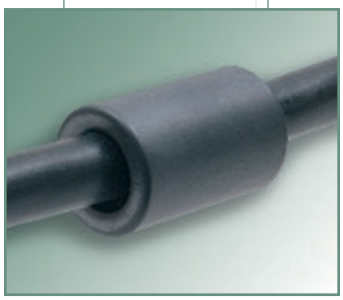


cable clamp for cable bundles

Ferrite assembly bonded to nylon strap; functional with wires and cables up to a 1.00" (25,4 mm) diameter. Holes are provided for screw mounting.

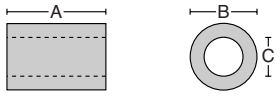


PART No.	A	B	C	D	E	F
TC20B1500	1.628 41,4	1.000 25,4	1.628 41,4	1.000 25,4	2.150 55,5	.195 5,0
TC20B2000	2.125 54,0	1.500 38,1	2.125 54,0	1.000 25,4	2.860 72,6	.281 7,1



solid beads

Sizes up to .430" I.D. (10,9 mm) for applications where it is possible to assemble the ferrite suppressor before the cable ends are terminated.



PART No.	A	B	C
20B0562-2	1.125 28,6	.562 14,2	.250 6,4
20B0736-0	1.125 28,6	.736 18,7	.430 10,9

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For attenuation properties by frequency, see page 32

engineering kit #EK28B0032

BISECTED FERRITES FOR APPLICATIONS UP TO 1 GHz WITH PEAK PROPERTIES AT 250MHz.

Our most popular engineering kit! Contains a large assortment of various sizes of ferrite assemblies from catalog pages 10 through 21. Manufactured in the most frequently used universal #28 wideband material formulation for all applications up to 1 GHz.

All catalog items are in stock at all times for immediate delivery.

engineering kit #EK28B0021

SOLID FERRITES FOR APPLICATIONS UP TO 1 GHz WITH PEAK PROPERTIES AT 250MHz.

Sample assortment of twenty cylindrical and flat solid ferrite suppressors in universal #28 wideband material formulation for applications up to 1 GHz. Contains many of the cylindrical and flat rectangular designs shown on pages 15 and 19, including the “SM” shock mount versions.

See catalog pages 15 and 19 for all items available from stock for immediate delivery.

saddle beads® engineering kit #EK28B27SB

FERRITES FOR APPLICATIONS UP TO 1 GHz WITH PEAK PROPERTIES AT 250MHz.

A wide variety of common sizes of our unique half-toroid, half-bead, half-sleeve and plate shapes for round wire, flat wire and PC board components. Manufactured in the most frequently used universal #28 wideband material formulation for all applications up to 1 GHz.

See catalog page 20 for all items available from stock for immediate delivery.

engineering kit #EK33B0011, low frequency 30MHz peak

BISECTED FERRITES FOR APPLICATIONS FROM 1 TO 30MHZ WITH PEAK PROPERTIES AT 30MHz.

Sample assortment containing nine of the most common configurations of ferrite assemblies manufactured in #33 material formulation. Specifically applicable in the 1-30 MHz range.

Contains part numbers TC33B0805, TC33B0984, CS33B1805, CV33B1984, FA33B2480, SS33B2033, SS33B2037, SS33B2032, SS33B2036. Other sizes available on a special order basis.

See catalog pages 22 and 23 for all items available from stock for immediate delivery. Most other catalog items are also available in this material on special order basis.

engineering kit #EK25B0012, high frequency 700MHz peak

BISECTED FERRITES FOR APPLICATIONS UP TO 1 GHz WITH PEAK PROPERTIES AT 700MHz.

Sample assortment of ten popular stock items manufactured in our newest #25 high frequency material. Effective to 1.2 GHz with peak properties at 700 MHz.

Contains part numbers TC25B0642, TC25B0937, CS25B1642, SA25B0121, CV25B1937, FA25B2480, SS25B2033, SS25B2032, SS25B2037, SS25B2036. Other sizes available on a special order basis.

See catalog pages 24 and 25 for all items available from stock for immediate delivery. Most other catalog items are also available in this material on special order basis.

engineering kit #EK20B0009, Bluetooth™

BISECTED AND SOLID FERRITES FOR APPLICATIONS CONCERNED WITH 2.45GHZ OPERATIONS.

Sample assortment of nine popular stock items manufactured in #20 material formulation. Specifically applicable in the 2.45GHz frequency area.

Contains part numbers 20B0562-2, 20B0736-0, 20R1260, 20R1575, FA20B2480, SS20B2034, SS20B2037, SS20B2033, SS20B2042.

See catalog pages 26 and 27 for all items available from stock for immediate delivery. Most other catalog items are also available in this material on special order basis.

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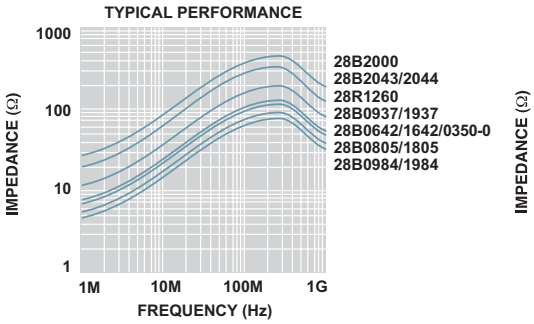
For attenuation properties by frequency, see page 32

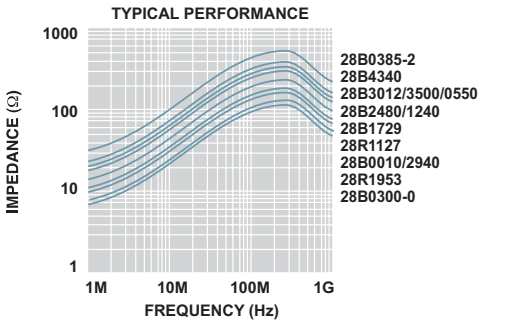
Attenuation Properties by Part Number

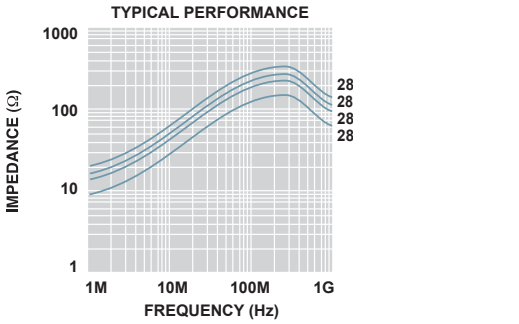
IMPEDANCE VS. FREQUENCY-#28 MATERIAL.

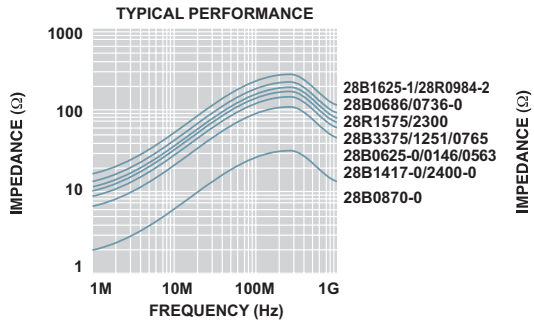
The #28 formulation of suppression material is our most common product. It is an excellent wideband general purpose insertion loss absorber for frequencies from 10 MHz up to 1 GHz.

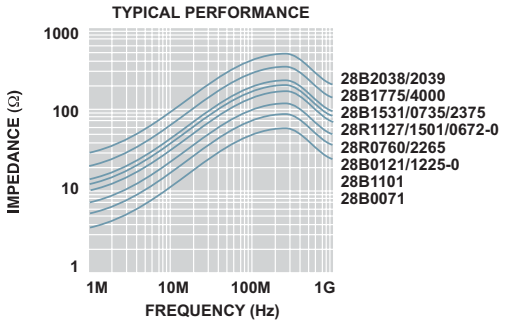
All of the impedance data below applies to the FerriShield® series which are specified by "28B" or the following alpha prefixes: TC, CS, CA, CW, CF, CV, FA, FF, FD, FX, IL, BA, BC, ET, SE, SA, PM, JB, CG, UG, HF, HI, HW, HA, SM, WC, CC, AC, PC, HC, HD, RC, RA, SF, SD, SS and USB. For specific performance by part number, find the alpha-numeric designation on the charts below according to the last seven digits of each catalog part number; i.e., for part number "CS28B1937" see "28B1937" on the chart.

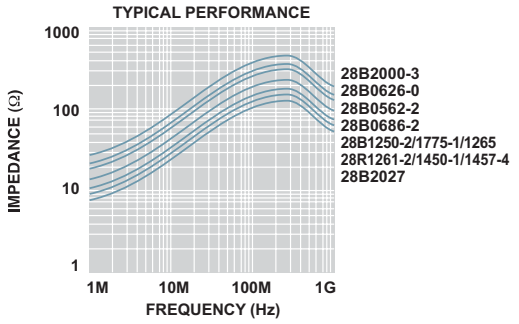


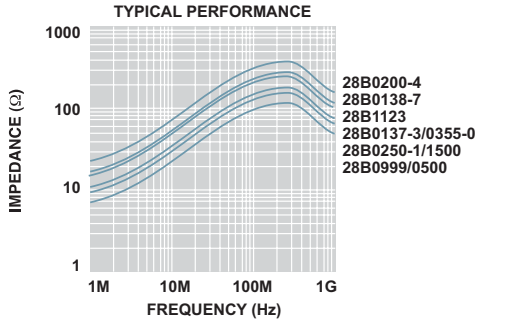


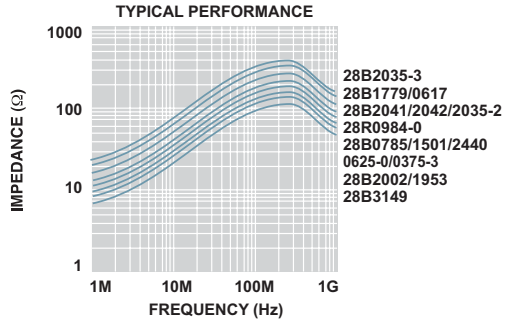


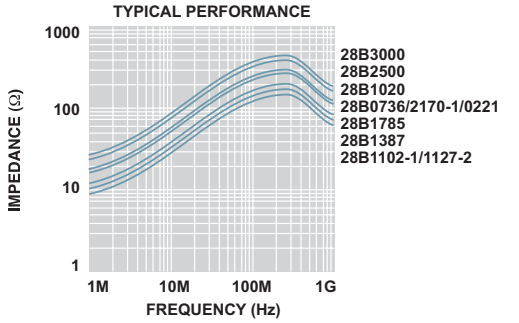












IMPEDANCE VS. FREQUENCY-#33 MATERIAL.

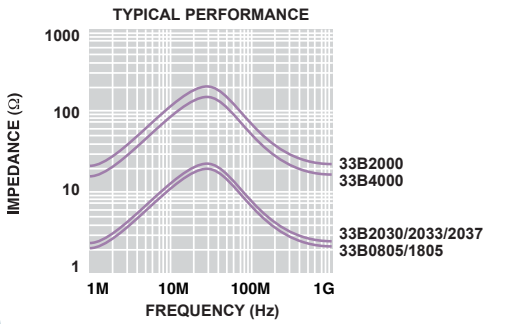
The #33 formulation of suppression material is specifically applicable from 1 to 30 MHz with a decreasing effect beyond that range. The part numbers shown below are standard items available from stock and are the most commonly used configurations for those frequencies. Other sizes are available by special order.

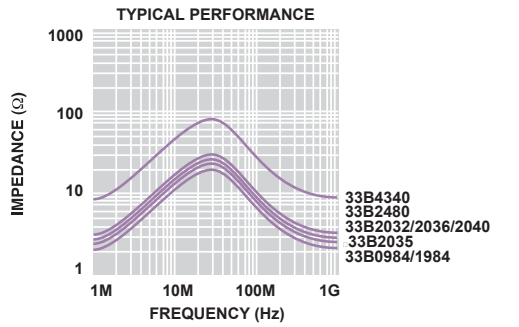
All of the impedance data below applies to the FerriShield® series which are specified by "33B" or the following alpha prefixes: TC, CS, CA, CW, CF, CV, FA, FF, FD, ET, RC, RA, SE, SA and SS. For specific performance by part number, find the alpha-numeric designation on the charts below according to the last seven digits of each catalog part number, i.e. for part number "SS33B2032" see "33B2032" on the chart.

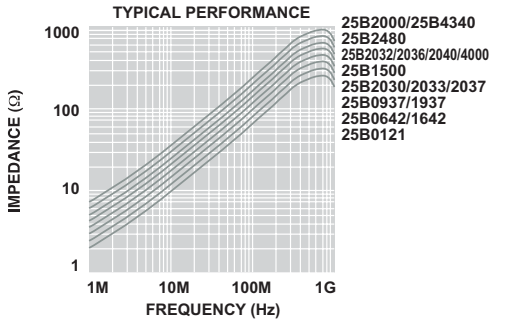
IMPEDANCE VS. FREQUENCY-#25 MATERIAL.

The #25 formulation of suppression material is designed to address frequencies resulting from microprocessor speeds above 100MHz and harmonics peak interference at 700MHz with some attenuation effect up to 1.2GHz. Most of the product styles in this catalog are available by special order within a convenient lead time.

Impedance data for standard stock items is shown below. They are available in the component assemblies with the following alpha prefixes: TC, CS, CA, CW, CF, CV, FA, FF, FD, ET, RC, RA, SE, SA, IL and SS.







All attenuation data is derived from tests using an HP4191A attenuation analyzer with spring clip or binding post fixturing, and does not include the test wire resistance. All impedance readings are shown at nominal ±10% at 3 standard deviations from the mean.