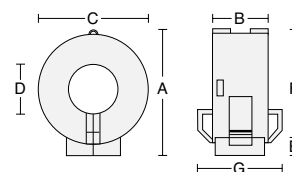


cable snap

Ferrite assembly in fully enclosed nylon case; functional with wires and cables up to a .520" (13,2mm) diameter. Snap closed around wire by clasp shut to position assembly. Cable tie-wraps may be threaded through the loops on each side.

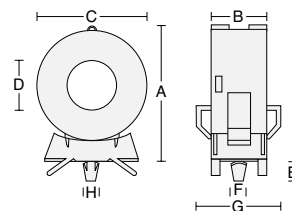
Larger I.D.'s permit multiple cable turns for greater impedance effect. See page 6, figures 3 and 4.



PART No.	A	B	C	D	E	F	G	IMPEDANCE IN OHMS
CS28B0642	.923 23,4	.708 18,0	.780 19,8	.300 7,6	.143 3,6	.818 20,8	1.000 25,4	100 @ 100MHz
CS28B0805	1.095 27,8	.476 12,1	.965 24,5	.345 8,8	.100 2,5	1.003 25,5	.890 22,6	73 @ 100MHz
CS28B0937	1.222 31,0	.691 17,6	1.078 27,4	.425 10,8	.098 2,5	1.116 28,3	.930 23,6	117 @ 100MHz
CS28B0984	1.275 32,3	.547 13,9	1.145 29,1	.525 13,3	.095 2,4	1.183 30,0	.867 22,0	62 @ 100MHz

cable snap

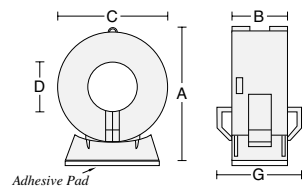
WITH PRESS FIT MOUNT. Ferrite assembly in fully enclosed nylon case; various sizes are functional with wires and cables up to a .520" (13,2mm) diameter. After closing around wire and clasp shut, assembly snap-fits into mounting base. Base may be installed either before or after product assembly by pressing the integral spring tab fastener into a .187" (4,7mm) diameter hole.



PART No.	A	B	C	D	E	F	G	H	IMPEDANCE IN OHMS
CF28B0642	.995 25,2	.708 18,0	.780 19,8	.300 7,6	.280 7,1	.183 4,6	1.000 25,4	.240 6,1	100 @ 100MHz
CF28B0805	1.180 30,0	.476 12,1	.965 24,5	.345 8,8	.280 7,1	.183 4,6	.890 22,6	.240 6,1	73 @ 100MHz
CF28B0937	1.293 32,8	.691 17,6	1.078 27,4	.425 10,8	.280 7,1	.183 4,6	.930 23,6	.240 6,1	117 @ 100MHz
CF28B0984	1.360 34,5	.547 13,9	1.145 29,1	.525 13,3	.280 7,1	.183 4,6	.867 22,0	.240 6,1	62 @ 100MHz

cable snap

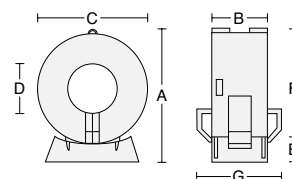
WITH ADHESIVE MOUNTING BASE. Ferrite assembly in fully enclosed nylon case; various sizes are functional with wires and cables up to a .520" (13,2mm) diameter. After closing around wire and clasp shut, assembly is snap-fitted into its mounting base. May be installed in its intended location before or after product assembly simply by removing protective paper strip from base and pressing into place.



PART No.	A	B	C	D	E	F	G	H	IMPEDANCE IN OHMS
CA28B0642	.995 25,2	.708 18,0	.780 19,8	.300 7,6	.177 4,5	.818 20,8	1.000 25,4	.240 6,1	100 @ 100MHz
CA28B0805	1.180 30,0	.476 12,1	.965 24,5	.345 8,8	.177 4,5	1.003 25,5	.890 22,6	.240 6,1	73 @ 100MHz
CA28B0937	1.293 32,8	.691 17,6	1.078 27,4	.425 10,8	.177 4,5	1.116 28,3	.930 23,6	.240 6,1	117 @ 100MHz
CA28B0984	1.360 34,5	.547 13,9	1.145 29,1	.525 13,3	.177 4,5	1.183 30,0	.867 22,0	.240 6,1	62 @ 100MHz

cable snap

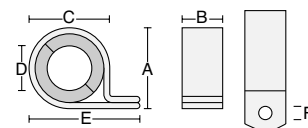
WITH SCREW MOUNT BASE. Ferrite assembly in fully enclosed nylon case; various sizes are functional with wires and cables up to a .520" (13,2mm) diameter. Mounting base is pre-installed at the intended location with a screw through the .125" (3,2mm) diameter hole in the bottom. After closing around wire and clasp shut, assembly snap-fits into base.



PART No.	A	B	C	D	E	F	G	H	IMPEDANCE IN OHMS
CW28B0642	.995 25,2	.708 18,0	.780 19,8	.300 7,6	.177 4,5	.818 20,8	1.000 25,4	.240 6,1	100 @ 100MHz
CW28B0805	1.180 30,0	.476 12,1	.965 24,5	.345 8,8	.177 4,5	1.003 25,5	.890 22,6	.240 6,1	73 @ 100MHz
CW28B0937	1.293 32,8	.691 17,6	1.078 27,4	.425 10,8	.177 4,5	1.116 28,3	.930 23,6	.240 6,1	117 @ 100MHz
CW28B0984	1.360 34,5	.547 13,9	1.145 29,1	.525 13,3	.177 4,5	1.183 30,0	.867 22,0	.240 6,1	62 @ 100MHz

cable clamp

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.



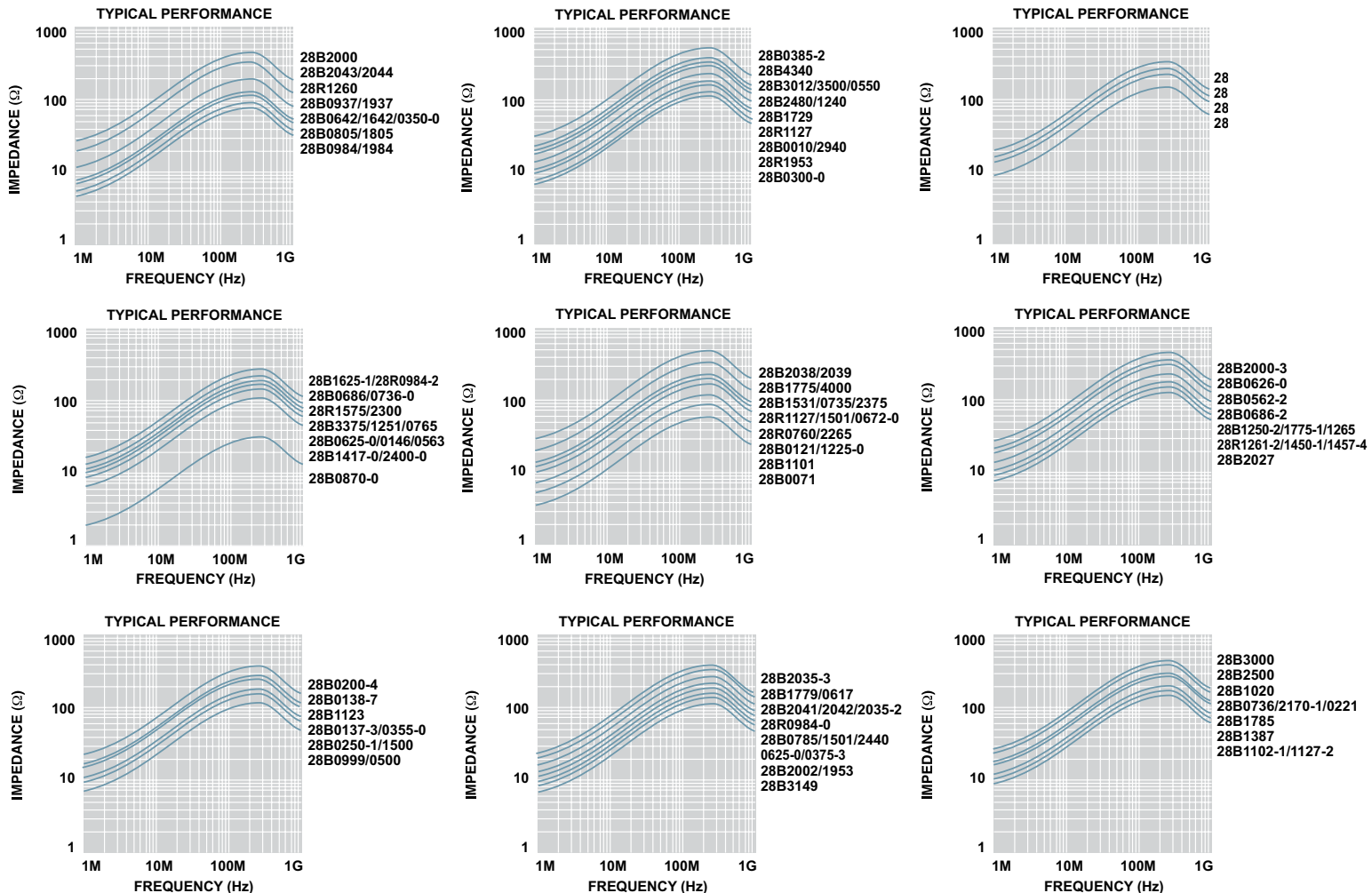
PART No.	A	B	C	D	E	F	G	IMPEDANCE IN OHMS
TC28B0550	.685 17,4	1.105 28,1	.685 17,4	.214 5,4	1.102 28,0	.195 5,0		281 @ 100MHz
TC28B0617	.740 18,8	1.125 28,6	.740 18,8	.276 7,0	1.215 30,9	.195 5,0		273 @ 100MHz
TC28B0642	.785 19,9	.630 16,0	.785 19,9	.320 8,1	1.335 33,9	.195 5,0		100 @ 100MHz
TC28B0805	.948 24,1	.500 12,7	.948 24,1	.404 10,3	1.498 38,0	.195 5,0		73 @ 100MHz
TC28B0937	1.127 28,6	.551 14,0	1.127 28,6	.449 11,4	1.677 42,6	.195 5,0		117 @ 100MHz
TC28B1123	1.320 33,5	1.125 28,6	1.320 33,5	.543 13,8	2.000 50,8	.195 5,0		220 @ 100MHz
TC28B0984	1.127 28,6	.500 12,7	1.127 28,6	.591 15,0	1.677 42,6	.195 5,0		62 @ 100MHz
TC28B1251	1.375 34,9	.875 22,2	1.375 34,9	.750 19,1	1.884 47,9	.195 5,0		138 @ 100MHz
TC28B1501	1.628 41,4	1.000 25,4	1.628 41,4	.750 19,1	2.150 55,5	.195 5,0		177 @ 100MHz
TC28B1500	1.628 41,4	1.000 25,4	1.628 41,4	1.000 25,4	2.150 55,5	.195 5,0		133 @ 100MHz
TC28B2000	2.125 54,0	1.500 38,1	2.125 54,0	1.000 25,4	2.860 72,6	.281 7,1		380 @ 100MHz

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.

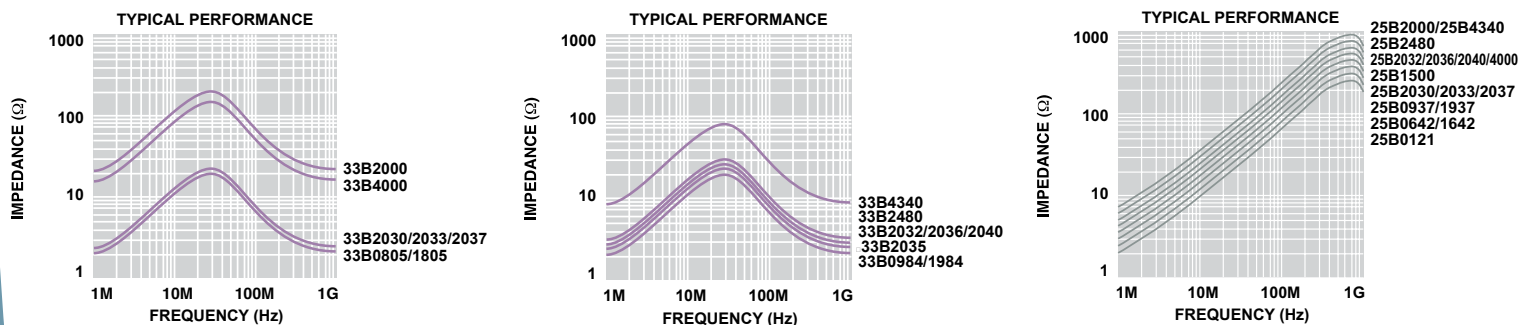
All of the impedance data below applies to the FerriShield® series which are specified by "28B" or the following alpha prefixes: TC, CS, CA, CW, CF, CV, FA, FF, FD, FX, IL, BA, BC, ET, SE, SA, PM, JB, CG, UG, HF, HI, HW, HA, SM, WC, CC, AC, PC, HC, HD, RC, RA, SF, SD, SS and USB. For specific performance 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 $\pm 10\%$ at 3 standard deviations from the mean.