LEADER TECH
a HEICO company

The Leading Edge in EMI/RFI Board, Enclosure, Cable Shielding and Thermal Solutions.



FERRITES

BISECTED & SOLID BEAD STYLES FOR ROUND AND FLAT CABLES & WIRES

- World's Largest In-Stock Selection
- Frequency-Specific Formulations
- Flexible Mounting Options

5 STEP COMMITMENT TO OUR VALUED CUSTOMERS

1. OUR VISION *(An aspiration worthy to strive for)*

We are committed to being the most reliable and innovative supplier in the EMI/RFI industry, and as our name implies, the leader. In order to achieve this we will consistently strive to provide you with unparalleled service, innovation, and solutions.

2. OUR MISSION *(Our daily commitment to you)*

We are committed to consistently provide you with innovation and flexibility of design. Our engineering expertise and conscientious, outstanding customer service that will provide you with the right product, delivered on time. We are dedicated to making you look good to your customers. We want your repeat business.

3. OUR PRODUCTS *(Precision engineered to work in your application)*

We are committed to product excellence. We offer our patented Circuit Board Shields (CBS), an extensive range of copper beryllium (CuBE), a Conductive Elastomer product line, TechVENT Honeycomb Panels, TechMESH knitted mesh, and microwave absorbers. Using this diverse product line, Leader Tech is positioned to provide you with a 'total shielding solution' for all of your EMI/RFI shielding requirements.

4. OUR FACILITIES *(Continually expanding to meet your needs)*

Leader Tech is committed to expansion wherever and whenever necessary. We are constantly expanding our hardware and software capabilities while investing in new equipment to manufacture and deliver the most precise and cost efficient shielding in the industry. Through the continuous support and backing of our parent company HEICO, the possibilities for new space and equipment are an ever-present reality.

5. OUR SERVICES *(Consistent reliability each time you order)*

We are committed to excellent service. Our staff undergoes a rigorous daily product, sales, and service training in order to serve you better. We want your calls answered by a person, not a machine, someone trained to qualify your needs and get answers to you when you need them. At Leader Tech we believe that the right people and the right equipment go hand in hand.

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FERRITES

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Product Profile

Ferrite shielding materials are widely accepted as providing the simplest, most convenient, and most cost-effective solution for radio frequency interference problems in cables, and connectors. Furthermore, they accomplish both RF attenuation and suppression of unwanted high frequency oscillations with no loss in dc or low frequency signal strength.

The basic composition of ferrite materials is a combination of ferrous oxide, and one or more other powdered metals - most often manganese, zinc, cobalt, or nickel. An extensive selection of shapes and sizes are already available, and custom geometries may be manufactured for special situations.

There are infinite varieties of formulas and performance levels possible. Each specific ferrite formulation has its own electrical, magnetic, and mechanical performance characteristic (available upon request). The most common ferrite material property is permeability (μ_i). This property expresses the ratio of the magnitude of magnetic induction to magnetizing force. The materials are normally categorized according to initial permeability (μ_i).

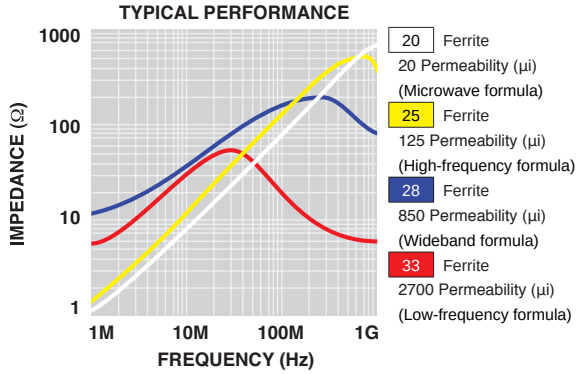


fig.1 Typical attenuation profiles

Advantages

Compared to other alternatives, ferrites' high resistivity per cubic volume stands out as the most important advantage. Prior to the development of bisected ferrites, suppression engineering was restricted to the costly addition of filters, cable shielding, and less versatile solid core (not bisected) ferrites. While these methods offer a degree of suppression, they are often awkward to install and, in many cases, are not completely effective. Bisected ferrites have a concentrated, homogeneous magnetic structure with high permeability. They are consistently stable versus time and temperature, and provide RF suppression without high eddy current losses.

Choose a ferrite material

FerriShield ferrites are offered in (4) unique formulations. The chart below offers an overview of typical material properties.

Ferrite		Performance
28	Material- Most Popular Wideband	10MHz-1GHz (250MHz peak)
33	Material- Low-Frequency Ferrite	1MHz-60MHz (30MHz peak)
25	Material- High-Frequency Ferrite	1MHz-1.2GHz (700MHz peak)
20	Material- Bluetooth/Microwave	2.45GHz peak

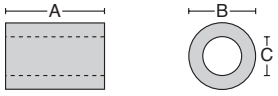
Helpful Tips and Insider Hints

- Ferrite performance typically increases as ferrite volume increases. The larger the ferrite mass, the better the RF attenuation.
- Smaller cables can be looped through larger ferrites to increase performance. Impedance increase by the square of the number of loops. For example, by looping a cable through a ferrite 2 times (2^2), impedance increases by a factor of 4.



Solid Beads

For applications where it is possible to assemble the ferrite suppressor before the cable ends are terminated.

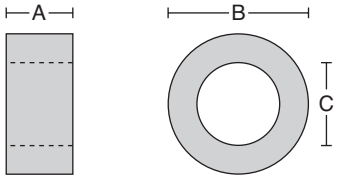


Part No.	Material	A		B		C		Impedance in OHMS	Maximum recommended cable size		
20B0562-2	20	1.125	28,6	.562	14,3	.250	6,4		.250	6,4	dia.
20B0736-0	20	1.125	28,6	.736	18,7	.430	10,9		.410	10,4	dia.
28B0137-3	28	.500	12,7	.138	3,5	.051	1,3	153 @ 100MHz	.051	1,3	dia.
28B0138-7	28	.550	14,0	.138	3,5	.034	0,9	234 @ 100MHz	.034	0,9	dia.
28B0200-4	28	.900	22,9	.200	5,1	.062	1,6	318 @ 100MHz	.062	1,6	dia.
28B0250-1	28	.625	15,9	.250	6,4	.125	3,2	133 @ 100MHz	.125	3,2	dia.
28B0300-0	28	.200	5,1	.300	7,6	.069	1,8	93 @ 100MHz	.069	1,8	dia.
28B0350-0	28	.625	15,9	.343	8,7	.170	4,3	102 @ 100MHz	.170	4,3	dia.
28B0375-3	28	.750	19,1	.375	9,5	.192	4,9	140 @ 100MHz	.200	5,1	dia.
28B0562-2	28	1.125	28,6	.562	14,3	.250	6,4	257 @ 100MHz	.250	6,3	dia.
28B0563-0	28	.600	15,2	.562	14,3	.286	7,3	124 @ 100MHz	.285	7,3	dia.
28B0625-0	28	.562	14,3	.625	15,9	.310	7,9	120 @ 100MHz	.310	7,9	dia.
28B0625-1	28	1.125	28,6	.625	15,9	.310	7,9	225 @ 100MHz	.310	7,9	dia.
28B0672-0	28	.672	17,1	1.000	25,4	.345	8,8	182 @ 100MHz	.345	8,8	dia.
28B0686-2	28	1.125	28,6	.686	17,4	.375	9,5	196 @ 100MHz	.375	9,5	dia.
28B0735-0	28	1.125	28,6	.735	18,7	.400	10,2	188 @ 100MHz	.400	10,2	dia.
28B0736-0	28	1.125	28,6	.736	18,7	.430	10,9	176 @ 100MHz	.410	10,4	dia.
28B1020-1	28	1.125	28,6	1.020	25,9	.505	12,8	225 @ 100MHz	.505	12,8	dia.
28B1102-1	28	1.000	25,4	1.102	28,0	.620	15,7	147 @ 100MHz	.630	16,0	dia.
28B1250-2	28	1.000	25,4	1.250	31,8	.750	19,1	151 @ 100MHz	.750	19,0	dia.
28B1387-1	28	1.000	25,4	1.387	35,2	.882	22,4	142 @ 100MHz	.880	22,4	dia.
28B2000-3	28	2.000	50,8	2.000	50,8	1.000	25,4	381 @ 100MHz	1.000	25,4	dia.



Toroids

Cables can many times be assembled through the larger center opening even with connectors and plugs installed beforehand. Multiple cable turns through the center yield greater suppression and the flexibility to fine-tune a circuit.



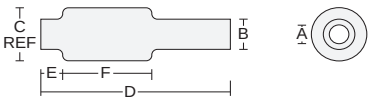
Part No.	Material	A		B		C		Impedance in OHMS	Maximum recommended cable size		
28B0870-0	28	.250	6,4	.870	22,1	.540	13,7	one pass 25 @ 100MHz	.540	13,7	dia.
28B0999-0	28	.500	12,7	1.000	25,4	.610	15,5	one pass 83 @ 100MHz	.610	15,5	dia.
28B1225-0	28	.612	15,5	1.225	31,1	.750	19,1	one pass 97 @ 100MHz	.750	19,1	dia.
28B1417-2	28	.500	12,7	1.417	36,0	.905	23,0	one pass 89 @ 100MHz	.905	23,0	dia.
28B2400-0	28	.500	12,7	2.400	61,0	1.400	35,6	one pass 88 @ 100MHz	1.400	35,6	dia.
28B2275	28	.500	12,7	2.275	57,8	1.335	33,9	per application	1.335	33,9	dia.
28B4100	28	.500	12,7	4.100	104,1	2.650	67,3	per application	2.650	67,3	dia.



Pre-Molded Sleeve

WITH INTERNAL FRICTION GRIP

Exterior PVC sheath pre-molded over ferrite suppressor. Assembles to cable prior to termination by threading in one end and out the other. Five sizes accommodate cable diameters from .200" to .430" (5,1 to 10,9mm). The preferred alternative to cable over-molding, shrink tubing, taping, tie wraps, and other costly secondary installation operations. A drop of water in the I.D. during assembly will facilitate sliding into position.



Patent No. 5,200,730

Part No.	Material	A		B		C		D		E		F		Impedance in OHMS	Maximum recommended cable size		
PM28B3375	28	.192	4,9	.290	7,4	.465	11,8	2.01	51,1	.250	6,4	.960	24,4	140 @ 100MHz	.192	4,9	dia.
PM28B1625	28	.310	7,9	.400	10,2	.715	18,2	2.38	60,5	.250	6,4	1.335	33,9	225@ 100MHz	.310	7,9	dia.
PM28B0686	28	.375	9,5	.465	11,8	.776	19,7	2.38	60,5	.250	6,4	1.335	33,9	196 @ 100MHz	.375	9,5	dia.
PM28B0736	28	.430	10,9	.520	13,2	.776	19,7	2.38	60,5	.250	6,4	1.335	33,9	176 @ 100MHz	.410	10,4	dia.

28 10MHz-1GHz (250MHz peak) 33 1MHz-60MHz (30MHz peak) 25 1MHz-1.2GHz (700MHz peak) 20 2.45GHz peak

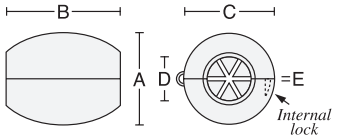


Jelly Bean Snap

MINIATURE SIZE WITH INTERNAL LOCKING SYSTEM.

Cannot be reopened after snapping closed into position. Ensures that suppressor cannot be removed. Grip-lock tabs at entry/exit ports prevent longitudinal slippage on a range of cable diameters from .060" to .120" (1,5 to 3,0mm).

Excellent for tight spaces and low profile applications. A cost-effective alternative to "molded-in" suppressors, shrink tubing, tie wraps, taping, and other secondary installation operations.



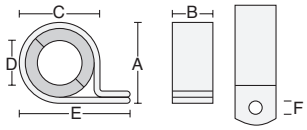
Patent Nos. 5,003,278 , 5,162,772 and 5,764,125

Part No.	Material	A		B		C		D		E		Color	Impedance in OHMS	Maximum recommended cable size
JB28B0010	28	.670	17,0	.820	20,8	.670	17,0	.290	7,4	.055	1,4	Grey	160 @ 100MHz	.060 1,5 to .120 3,1 dia.
JB28B0010K	28	.670	17,0	.820	20,8	.670	17,0	.290	7,4	.055	1,4	Black	160 @ 100MHz	.060 1,5 to .120 3,1 dia.



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.



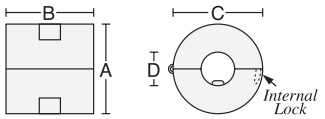
Part No.	Material	A		B		C		D		E		F		Color	Impedance in OHMS	Maximum recommended cable size
TC25B0642	25	.785	19,9	.630	16,0	.785	19,9	.320	8,1	1.335	33,9	.195	5,0	Grey	290 @ 700MHz	.320 8,1 dia.
TC25B0642K	25	.785	19,9	.630	16,0	.785	19,9	.320	8,1	1.335	33,9	.195	5,0	Black	290 @ 700MHz	.320 8,1 dia.
TC25B2000	25	2.125	54,0	1.500	38,1	2.125	54,0	1.000	25,4	2.860	72,6	.281	7,1	Grey	890 @ 700MHz	1.000 25,4 dia.
TC25B2000K	25	2.125	54,0	1.500	38,1	2.125	54,0	1.000	25,4	2.860	72,6	.281	7,1	Black	890 @ 700MHz	1.000 25,4 dia.
TC28B0550	28	.685	17,4	1.105	28,1	.685	17,4	.214	5,4	1.102	28,0	.195	5,0	Grey	281 @ 100MHz	.214 5,4 dia.
TC28B0550K	28	.685	17,4	1.105	28,1	.685	17,4	.214	5,4	1.102	28,0	.195	5,0	Black	281 @ 100MHz	.214 5,4 dia.
TC28B0642	28	.785	19,9	.630	16,0	.785	19,9	.320	8,1	1.335	33,9	.195	5,0	Grey	100 @ 100MHz	.320 8,1 dia.
TC28B0642K	28	.785	19,9	.630	16,0	.785	19,9	.320	8,1	1.335	33,9	.195	5,0	Black	100 @ 100MHz	.320 8,1 dia.
TC28B0937	28	1.127	28,6	.551	14,0	1.127	28,6	.449	11,4	1.677	42,6	.195	5,0	Grey	117 @ 100MHz	.449 11,4 dia.
TC28B0937K	28	1.127	28,6	.551	14,0	1.127	28,6	.449	11,4	1.677	42,6	.195	5,0	Black	117 @ 100MHz	.449 11,4 dia.
TC28B0984	28	1.127	28,6	.500	12,7	1.127	28,6	.591	15,0	1.677	42,6	.195	5,0	Grey	62 @ 100MHz	.591 15,0 dia.
TC28B0984K	28	1.127	28,6	.500	12,7	1.127	28,6	.591	15,0	1.677	42,6	.195	5,0	Black	62 @ 100MHz	.591 15,0 dia.
TC28B1501	28	1.628	41,4	1.000	25,4	1.628	41,4	.750	19,1	2.150	54,6	.195	5,0	Grey	177 @ 100MHz	.750 19,1 dia.
TC28B1501K	28	1.628	41,4	1.000	25,4	1.628	41,4	.750	19,1	2.150	54,6	.195	5,0	Black	177 @ 100MHz	.750 19,1 dia.
TC28B1500	28	1.628	41,4	1.000	25,4	1.628	41,4	1.000	25,4	2.150	54,6	.195	5,0	Grey	133 @ 100MHz	1.000 25,4 dia.
TC28B1500K	28	1.628	41,4	1.000	25,4	1.628	41,4	1.000	25,4	2.150	54,6	.195	5,0	Black	133 @ 100MHz	1.000 25,4 dia.
TC28B2000	28	2.125	54,0	1.500	38,1	2.125	54,0	1.000	25,4	2.860	72,6	.281	7,1	Grey	380 @ 100MHz	1.000 25,4 dia.
TC28B2000K	28	2.125	54,0	1.500	38,1	2.125	54,0	1.000	25,4	2.860	72,6	.281	7,1	Black	380 @ 100MHz	1.000 25,4 dia.



Internal Locking Snap

WITH SECURE INTERNAL LOCKING SYSTEM.

Cannot be reopened after snapping closed into position. Ensures that suppressor cannot be removed. Grip-lock tabs at entry/exit ports prevent longitudinal slippage on a range of cable diameters from .275" to .300" (7,0 to 7,6mm). A cost-effective alternative to over-molding.



Patent Nos. 5,003,278 , 5,162,772 and 5,764,125

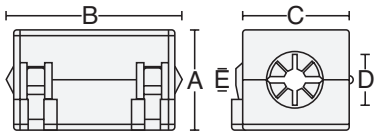
Part No.	Material	A		B		C		D		Color	Impedance in OHMS	Maximum recommended cable size
IL25B0642G	25	.780	19,8	.780	19,8	.780	19,8	.316	8,0	Grey	290 @ 700MHz	.320 8,1 dia.
IL25B0642K	25	.780	19,8	.780	19,8	.780	19,8	.316	8,0	Black	290 @ 700MHz	.320 8,1 dia.
IL28B0642G	28	.780	19,8	.780	19,8	.780	19,8	.316	8,0	Grey	100 @ 100MHz	.320 8,1 dia.
IL28B0642B	28	.780	19,8	.780	19,8	.780	19,8	.316	8,0	Beige	100 @ 100MHz	.320 8,1 dia.
IL28B0642K	28	.780	19,8	.780	19,8	.780	19,8	.316	8,0	Black	100 @ 100MHz	.320 8.1 dia.



Cable Sleeve Snap

WITH VARIABLE DIAMETER END PORTS.

Specifically sized to fit the range of common USB I/O cable diameters; variable diameter end ports allow for different types of cable insulation covers measuring .125" to .179" (3,2 - 4,5mm).



Patent Nos. 5,003,278 and 5,764,125

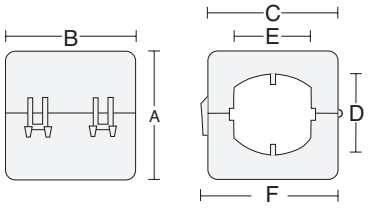
For use with USB I/O USB 2.0 Electrical Test Specification, sections 7.0 and 8.0

Part No.	Material	A	B	C	D	E	F	Color	Impedance in OHMS	Maximum recommended cable size
USB28B2034	28	.585 14,9	1.250 31,8	.585 14,9	.250 6.4	.120 3,0	.680 17,3	Grey	220 @ 100MHz	.125 3,2 to .170 4,3 dia.
USB28B2034K	28	.585 14,9	1.250 31,8	.585 14,9	.250 6.4	.120 3,0	.680 17,3	Black	220 @ 100MHz	.125 3.2 to .170 4.3 dia.



Sleeve Snap for Cable Bundles

Box-shaped ferrite assembly for cable bundle diameters up to .730" (18,5mm) diameter. Allows single location for RFI suppression for multiple cables. Each circuit reacts separately with the suppression material without saturation. Alternatively, multiple turns of a single cable greatly increases impedance depending on frequency.

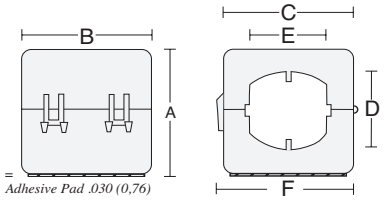


Part No.	Material	A	B	C	D	E	F	Color	Impedance in OHMS	Maximum recommended cable size
SS28B2035	28	1.155 29,3	1.250 31,8	1.125 28,6	.790 20,1	.720 18,3	1.230 31,2	Grey	129 @ 100MHz	.730 18,5 dia.
SS28B2035K	28	1.155 29,3	1.250 31,8	1.125 28,6	.790 20,1	.720 18,3	1.230 31,2	Black	129 @ 100MHz	.730 18,5 dia.
SS28B2043	28	1.700 43,2	1.780 45,2	1.800 45,7	.790 20,1	.720 18,3	1.830 46,5	Grey	260 @ 100MHz	.730 18,5 dia.
SS28B2043K	28	1.700 43,2	1.780 45,2	1.800 45,7	.790 20,1	.720 18,3	1.830 46,5	Black	260 @ 100MHz	.730 18,5 dia.
SS33B2035	33	1.155 29,3	1.250 31,8	1.125 28,6	.790 20,1	.720 18,3	1.230 31,2	Grey	023 @ 30MHz	.730 18,5 dia.
SS33B2035K	33	1.155 29,3	1.250 31,8	1.125 28,6	.790 20,1	.720 18,3	1.230 31,2	Black	023 @ 30MHz	.730 18,5 dia.



Sleeve Snap for Cable Bundles With Adhesive Mount

Box-shaped ferrite assembly for cable bundle diameters up to .730" (18,5mm) diameter. Allows single location for RFI suppression for multiple cables. Each circuit reacts separately with the suppression material without saturation. Alternatively, multiple turns of a single cable greatly increases impedance depending on frequency.



Part No.	Material	A	B	C	D	E	F	Color	Impedance in OHMS	Maximum recommended cable size
AS28B2035	28	1.185 30,1	1.250 31,8	1.125 28,6	.790 20,1	.720 18,3	1.230 31,2	Grey	129 @ 100MHz	.730 18,5 dia.
AS28B2035K	28	1.185 30,1	1.250 31,8	1.125 28,6	.790 20,1	.720 18,3	1.230 31,2	Black	129 @ 100MHz	.730 18,5 dia.
AS28B2043	28	1.730 43,9	1.780 45,2	1.800 45,7	.790 20,1	.720 18,3	1.830 46,5	Grey	260 @ 100MHz	.730 18,5 dia.
AS28B2043K	28	1.730 43,9	1.780 45,2	1.800 45,7	.790 20,1	.720 18,3	1.830 46,5	Black	260 @ 100MHz	.730 18,5 dia.
AS33B2035	33	1.185 30,1	1.250 31,8	1.125 28,6	.790 20,1	.720 18,3	1.230 31,2	Grey	023 @ 30MHz	.730 18,5 dia.
AS33B2035K	33	1.185 30,1	1.250 31,8	1.125 28,6	.790 20,1	.720 18,3	1.230 31,2	Black	023 @ 30MHz	.730 18,5 dia.

28 10MHz-1GHz (250MHz peak) 33 1MHz-60MHz (30MHz peak) 25 1MHz-1.2GHz (700MHz peak) 20 2.45GHz peak

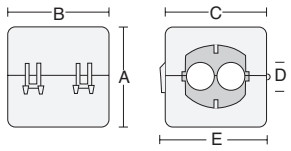


Multi-turn Sleeve Snap

WITH SERPENTINE CABLE THREADING CAPABILITY.

By increasing the number of times the circuit passes through the ferrite core, the effective magnetic path is lengthened, yielding a significant increase in impedance. The gain is equal to N2, the square of the number of turns. Depending on the circuit cable load and frequencies involved, much of the increase can be realized.
Cables may be “looped back through”, or “looped over the top”

In an alternate configuration, separate cable circuits can be accommodated without saturation.

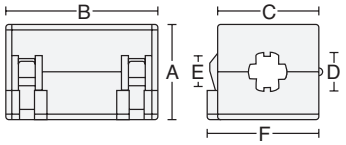


Part No.	Material	Description	A	B	C	D	E	Color	Impedance in OHMS	Maximum recommended cable size
SS28B2035-2	28	2-hole	1.155 29,3	1.250 31,8	1.125 28,6	.335 8,5	1.230 31,2	Grey	1N=270 @ 100MHz 3N=3²=9NΩ ref.	2 holes ea. @ .203 5,2 dia.
SS28B2035-2K	28	2-hole	1.155 29,3	1.250 31,8	1.125 28,6	.335 8,5	1.230 31,2	Black	1N=270 @ 100MHz 3N=3²=9NΩ ref.	2 holes ea. @ .203 5,2 dia.



Sleeve Snap

Box-shaped ferrite assembly in enclosed nylon case. Various sizes are functional with wires up to .500” (12,7 mm) diameter. Simply clamp around cable or wire; plastic tabs at entry/exit ports apply pressure to cable surface to maintain mounting position.



Patent No. 5,764,125

Part No.	Material	A	B	C	D	E	F	Color	Impedance in OHMS	Maximum recommended cable size
SS20B2030	20	.790 20,1	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5	Grey	N/A	.235 6,0 dia.
SS20B2030K	20	.790 20,1	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5	Black	N/A	.235 6,0 dia.
SS20B2033	20	.790 20,1	1.265 32,1	.770 19,6	.350 8,9	.290 7,4	.885 22,5	Grey	N/A	.300 7,6 dia.
SS20B2033K	20	.790 20,1	1.265 32,1	.770 19,6	.350 8,9	.290 7,4	.885 22,5	Black	N/A	.300 7,6 dia.
SS20B2041	20	.965 24,5	1.285 32,6	.930 23,6	.450 11,4	.380 9,7	1.035 26,3	Grey	N/A	.400 10,2 dia.
SS20B2041K	20	.965 24,5	1.285 32,6	.930 23,6	.450 11,4	.380 9,7	1.035 26,3	Black	N/A	.400 10,2 dia.
SS25B2030	25	.790 20,1	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5	Grey	390 @ 700MHz	.235 6,0 dia.
SS25B2030K	25	.790 20,1	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5	Black	390 @ 700MHz	.235 6,0 dia.
SS25B2033	25	.790 20,1	1.265 32,1	.770 19,6	.350 8,9	.290 7,4	.885 22,5	Grey	390 @ 700MHz	.300 7,6 dia.
SS25B2033K	25	.790 20,1	1.265 32,1	.770 19,6	.350 8,9	.290 7,4	.885 22,5	Black	390 @ 700MHz	.300 7,6 dia.
SS28B2027	28	.420 10,7	.468 11,9	.468 11,9	.106 2,7	.072 1,8	.468 11,9	Grey	105 @ 100MHz	.085 2,2 dia.
SS28B2027K	28	.420 10,7	.468 11,9	.468 11,9	.106 2,7	.072 1,8	.468 11,9	Black	105 @ 100MHz	.085 2,2 dia.
SS28B2030	28	.790 20,1	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5	Grey	200 @ 100MHz	.235 6,0 dia.
SS28B2030K	28	.790 20,1	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5	Black	200 @ 100MHz	.235 6,0 dia.
SS28B2031	28	.700 17,8	1.255 31,9	.675 17,1	.230 5,8	.187 4,7	.768 19,5	Grey	200 @ 100MHz	.200 5,1 dia.
SS28B2031K	28	.700 17,8	1.255 31,9	.675 17,1	.230 5,8	.187 4,7	.768 19,5	Black	200 @ 100MHz	.200 5,1 dia.
SS28B2033	28	.790 20,1	1.265 32,1	.770 19,6	.350 8,9	.290 7,4	.885 22,5	Grey	200 @ 100MHz	.300 7,6 dia.
SS28B2033K	28	.790 20,1	1.265 32,1	.770 19,6	.350 8,9	.290 7,4	.885 22,5	Black	200 @ 100MHz	.300 7,6 dia.
SS28B2036	28	1.155 29,3	1.250 31,8	1.125 28,6	.415 10,5	.350 8,8	1.230 31,2	Grey	230 @ 100MHz	.380 9,7 dia.
SS28B2036K	28	1.155 29,3	1.250 31,8	1.125 28,6	.415 10,5	.350 8,8	1.230 31,2	Black	230 @ 100MHz	.380 9,7 dia.
SS28B2040	28	1.155 29,3	1.250 31,8	1.125 28,6	.550 14,0	.480 12,2	1.230 31,2	Grey	230 @ 100MHz	.500 12,7 dia.
SS28B2040K	28	1.155 29,3	1.250 31,8	1.125 28,6	.550 14,0	.480 12,2	1.230 31,2	Black	230 @ 100MHz	.500 12,7 dia.
SS28B2041	28	.965 24,5	1.285 32,6	.930 23,6	.450 11,4	.380 9,7	1.035 26,3	Grey	238 @ 100MHz	.400 10,2 dia.
SS28B2041K	28	.965 24,5	1.285 32,6	.930 23,6	.450 11,4	.380 9,7	1.035 26,3	Black	238 @ 100MHz	.400 10,2 dia.
SS33B2030	33	.790 20,1	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5	Grey	23 @ 30MHz	.235 6,0 dia.
SS33B2030K	33	.790 20,1	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5	Black	23 @ 30MHz	.235 6,0 dia.
SS33B2033	33	.790 20,1	1.265 32,1	.770 19,6	.350 8,9	.290 7,4	.885 22,5	Grey	23 @ 30MHz	.300 7,6 dia.
SS33B2033K	33	.790 20,1	1.265 32,1	.770 19,6	.350 8,9	.290 7,4	.885 22,5	Black	23 @ 30MHz	.300 7,6 dia.
SS33B2036	33	1.155 29,3	1.250 31,8	1.125 28,6	.415 10,5	.350 8,9	1.230 31,2	Grey	27 @ 30MHz	.380 9,7 dia.
SS33B2036K	33	1.155 29,3	1.250 31,8	1.125 28,6	.415 10,5	.350 8,9	1.230 31,2	Black	27 @ 30MHz	.380 9,7 dia.
SS33B2040	33	1.155 29,3	1.250 31,8	1.125 28,6	.550 14,0	.480 12,2	1.230 31,2	Grey	27 @ 30MHz	.500 12,7 dia.
SS33B2040K	33	1.155 29,3	1.250 31,8	1.125 28,6	.550 14,0	.480 12,2	1.230 31,2	Black	27 @ 30MHz	.500 12,7 dia.

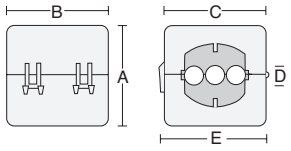


Multi-turn Sleeve Snap

WITH SERPENTINE CABLE THREADING CAPABILITY.

By increasing the number of times the circuit passes through the ferrite core, the effective magnetic path is lengthened, yielding a significant increase in impedance. The gain is equal to N2, the square of the number of turns, and depending on the circuit cable load and frequencies involved, much of the increase can be realized.
Cables may be “looped back through”, or “looped over the top”

In an alternate configuration, separate cable circuits can be accommodated without saturation.

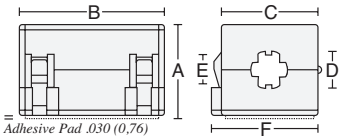


Part No.	Material	Description	A	B	C	D	E	Color	Impedance in OHMS	Maximum recommended cable size
SS28B2035-3	28	3-hole	1.155 29,3	1.250 31,8	1.125 28,6	.203 5,2	1.230 31,2	Grey	1N=340 @ 100MHz depending on circuit load and frequency	3 holes ea. @ .203 5,2 dia.
SS28B2035-3K	28	3-hole	1.155 29,3	1.250 31,8	1.125 28,6	.203 5,2	1.230 31,2	Black	1N=340 @ 100MHz depending on circuit load and frequency	3 holes ea. @ .203 5,2 dia.



Sleeve Snap With Adhesive Mount

Box-shaped ferrite assembly in enclosed nylon case. Various sizes are functional with wires up to .500” (12,7 mm) diameter. Simply clamp around cable or wire; plastic tabs at entry/exit ports apply pressure to cable surface to maintain mounting position.



Patent No. 5,764,125

Part No.	Material	A	B	C	D	E	F	Color	Impedance in OHMS	Maximum recommended cable size
AS20B2030	20	.810 20,6	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5	Grey	N/A	.235 6,0 dia.
AS20B2030K	20	.810 20,6	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5	Black	N/A	.235 6,0 dia.
AS20B2033	20	.810 20,6	1.265 32,1	.770 19,6	.350 8,9	.290 7,4	.885 22,5	Grey	N/A	.300 7,6 dia.
AS20B2033K	20	.810 20,6	1.265 32,1	.770 19,6	.350 8,9	.290 7,4	.885 22,5	Black	N/A	.300 7,6 dia.
AS20B2041	20	.995 25,3	1.285 32,6	.930 23,6	.450 11,4	.380 9,7	1.035 26,3	Grey	N/A	.400 10,2 dia.
AS20B2041K	20	.995 25,3	1.285 32,6	.930 23,6	.450 11,4	.380 9,7	1.035 26,3	Black	N/A	.400 10,2 dia.
AS25B2030	25	.810 20,6	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5	Grey	390 @ 700MHz	.235 6,0 dia.
AS25B2030K	25	.810 20,6	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5	Black	390 @ 700MHz	.235 6,0 dia.
AS25B2033	25	.810 20,6	1.265 32,1	.770 19,6	.350 8,9	.290 7,4	.885 22,5	Grey	390 @ 700MHz	.300 7,6 dia.
AS25B2033K	25	.810 20,6	1.265 32,1	.770 19,6	.350 8,9	.290 7,4	.885 22,5	Black	390 @ 700MHz	.300 7,6 dia.
AS28B2027	28	.450 11,4	.468 11,9	.468 11,9	.106 2,7	.072 1,8	.468 11,9	Grey	105 @ 100MHz	.085 2,2 dia.
AS28B2027K	28	.450 11,4	.468 11,9	.468 11,9	.106 2,7	.072 1,8	.468 11,9	Black	105 @ 100MHz	.085 2,2 dia.
AS28B2030	28	.810 20,6	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5	Grey	200 @ 100MHz	.235 6,0 dia.
AS28B2030K	28	.810 20,6	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5	Black	200 @ 100MHz	.235 6,0 dia.
AS28B2031	28	.730 18,5	1.255 31,9	.675 17,1	.230 5,8	.187 4,7	.768 19,5	Grey	200 @ 100MHz	.200 5,1 dia.
AS28B2031K	28	.730 18,5	1.255 31,9	.675 17,1	.230 5,8	.187 4,7	.768 19,5	Black	200 @ 100MHz	.200 5,1 dia.
AS28B2033	28	.810 20,6	1.265 32,1	.770 19,6	.350 8,9	.290 7,4	.885 22,5	Grey	200 @ 100MHz	.300 7,6 dia.
AS28B2033K	28	.810 20,6	1.265 32,1	.770 19,6	.350 8,9	.290 7,4	.885 22,5	Black	200 @ 100MHz	.300 7,6 dia.
AS28B2036	28	1.185 30,1	1.250 31,8	1.125 28,6	.415 10,5	.350 8,8	1.230 31,2	Grey	230 @ 100MHz	.380 9,7 dia.
AS28B2036K	28	1.185 30,1	1.250 31,8	1.125 28,6	.415 10,5	.350 8,8	1.230 31,2	Black	230 @ 100MHz	.380 9,7 dia.
AS28B2040	28	1.185 30,1	1.250 31,8	1.125 28,6	.550 14,0	.480 12,2	1.230 31,2	Grey	230 @ 100MHz	.500 12,7 dia.
AS28B2040K	28	1.185 30,1	1.250 31,8	1.125 28,6	.550 14,0	.480 12,2	1.230 31,2	Black	230 @ 100MHz	.500 12,7 dia.
AS28B2041	28	.995 25,3	1.285 32,6	.930 23,6	.450 11,4	.380 9,7	1.035 26,3	Grey	238 @ 100MHz	.400 10,2 dia.
AS28B2041K	28	.995 25,3	1.285 32,6	.930 23,6	.450 11,4	.380 9,7	1.035 26,3	Black	238 @ 100MHz	.400 10,2 dia.
AS33B2030	33	.810 20,6	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5	Grey	23 @ 30MHz	.235 6,0 dia.
AS33B2030K	33	.810 20,6	1.265 32,1	.770 19,6	.270 6,9	.220 5,6	.885 22,5	Black	23 @ 30MHz	.235 6,0 dia.
AS33B2033	33	.810 20,6	1.265 32,1	.770 19,6	.350 8,9	.290 7,4	.885 22,5	Grey	23 @ 30MHz	.300 7,6 dia.
AS33B2033K	33	.810 20,6	1.265 32,1	.770 19,6	.350 8,9	.290 7,4	.885 22,5	Black	23 @ 30MHz	.300 7,6 dia.
AS33B2036	33	1.185 30,1	1.250 31,8	1.125 28,6	.415 10,5	.350 8,9	1.230 31,2	Grey	27 @ 30MHz	.380 9,7 dia.
AS33B2036K	33	1.185 30,1	1.250 31,8	1.125 28,6	.415 10,5	.350 8,9	1.230 31,2	Black	27 @ 30MHz	.380 9,7 dia.
AS33B2040	33	1.185 30,1	1.250 31,8	1.125 28,6	.550 14,0	.480 12,2	1.230 31,2	Grey	27 @ 30MHz	.500 12,7 dia.
AS33B2040K	33	1.185 30,1	1.250 31,8	1.125 28,6	.550 14,0	.480 12,2	1.230 31,2	Black	27 @ 30MHz	.500 12,7 dia.

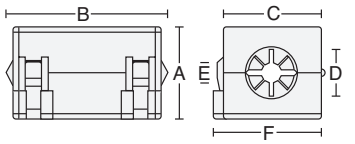
28 10MHz-1GHz (250MHz peak) 33 1MHz-60MHz (30MHz peak) 25 1MHz-1.2GHz (700MHz peak) 20 2.45GHz peak



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 .500" (3,2 to 12,7 mm).



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

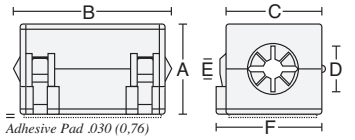
Part No.	Material	A	B	C	D	E	F	Color	Impedance in OHMS	Maximum recommended cable size
SS20B2034	20	.585 14,9	1.250 31,8	.585 14,9	.250 6,4	.120 3,0	.680 17,3	Grey	N/A	.125 3.2 to .170 4,3 dia.
SS20B2034K	20	.585 14,9	1.250 31,8	.585 14,9	.250 6,4	.120 3,0	.680 17,3	Black	N/A	.125 3.2 to .170 4,3 dia.
SS20B2037	20	.790 20,1	1.450 36,8	.770 19,6	.350 8,9	.200 5,1	.885 22,5	Grey	N/A	.210 5,3 to .300 7,6 dia.
SS20B2037K	20	.790 20,1	1.450 36,8	.770 19,6	.350 8,9	.200 5,1	.885 22,5	Black	N/A	.210 5,3 to .300 7,6 dia.
SS20B2042	20	.965 24,5	1.480 37,6	.930 23,6	.425 10,8	.170 4,3	1.035 26,3	Grey	N/A	.250 6,3 to .400 10,2 dia.
SS20B2042K	20	.965 24,5	1.480 37,6	.930 23,6	.425 10,8	.170 4,3	1.035 26,3	Black	N/A	.250 6,3 to .400 10,2 dia.
SS25B2037	25	.790 20,1	1.450 36,8	.770 19,6	.350 8,9	.200 5,1	.885 22,5	Grey	390 @ 700MHz	.210 5,3 to .300 7,6 dia.
SS25B2037K	25	.790 20,1	1.450 36,8	.770 19,6	.350 8,9	.200 5,1	.885 22,5	Black	390 @ 700MHz	.210 5,3 to .300 7,6 dia.
SS25B2032	25	1.155 29,3	1.450 36,8	1.125 28,6	.500 12,7	.200 5,1	1.230 31,2	Grey	510 @ 700MHz	.250 6,3 to .500 12,7 dia.
SS25B2032K	25	1.155 29,3	1.450 36,8	1.125 28,6	.500 12,7	.200 5,1	1.230 31,2	Black	510 @ 700MHz	.250 6,3 to .500 12,7 dia.
SS28B2034	28	.585 14,9	1.250 31,8	.585 14,9	.250 6,4	.120 3,0	.680 17,3	Grey	220 @ 100MHz	.125 3.2 to .170 4,3 dia.
SS28B2034K	28	.585 14,9	1.250 31,8	.585 14,9	.250 6,4	.120 3,0	.680 17,3	Black	220 @ 100MHz	.125 3.2 to .170 4,3 dia.
SS28B2037	28	.790 20,1	1.450 36,8	.770 19,6	.350 8,9	.200 5,1	.885 22,5	Grey	200 @ 100MHz	.210 5.3 to .300 7,6 dia.
SS28B2037K	28	.790 20,1	1.450 36,8	.770 19,6	.350 8,9	.200 5,1	.885 22,5	Black	200 @ 100MHz	.210 5.3 to .300 7,6 dia.
SS28B2042	28	.965 24,5	1.480 37,6	.930 23,6	.425 10,8	.170 4,3	1.035 26,3	Grey	238 @ 100MHz	.250 6.3 to .400 10,2 dia.
SS28B2042K	28	.965 24,5	1.480 37,6	.930 23,6	.425 10,8	.170 4,3	1.035 26,3	Black	238 @ 100MHz	.250 6,3 to .400 10,2 dia.
SS28B2032	28	1.155 29,3	1.450 36,8	1.125 28,6	.500 12,7	.200 5,1	1.230 31,2	Grey	230 @ 100MHz	.250 6,3 to .500 12,7 dia.
SS28B2032K	28	1.155 29,3	1.450 36,8	1.125 28,6	.500 12,7	.200 5,1	1.230 31,2	Black	230 @ 100MHz	.250 6,3 to .500 12,7 dia.
SS28B2044	28	1.700 43,2	1.800 45,7	1.800 45,7	.790 20,1	.200 5,1	1.830 46,5	Grey	260 @ 100MHz	.500 12,7 to .710 18,0 dia.
SS28B2044K	28	1.700 43,2	1.800 45,7	1.800 45,7	.790 20,1	.200 5,1	1.830 46,5	Black	260 @ 100MHz	.500 12,7 to .710 18,0 dia.
SS33B2037	33	.790 20,1	1.450 36,8	.770 19,6	.350 8,9	.200 5,1	.885 22,5	Grey	23 @ 30MHz	.210 5,3 to .300 7,6 dia.
SS33B2037K	33	.790 20,1	1.450 36,8	.770 19,6	.350 8,9	.200 5,1	.885 22,5	Black	23 @ 30MHz	.210 5,3 to .300 7,6 dia.
SS33B2032	33	1.155 29,3	1.450 36,8	1.125 28,6	.500 12,7	.200 5,1	1.230 31,2	Grey	27 @ 30MHz	.250 6,3 to .500 12,7 dia.
SS33B2032K	33	1.155 29,3	1.450 36,8	1.125 28,6	.500 12,7	.200 5,1	1.230 31,2	Grey	27 @ 30MHz	.250 6,3 to .500 12,7 dia.



Sleeve Snap With Adhesive Mount

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 .500" (3,2 to 12,7 mm).



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

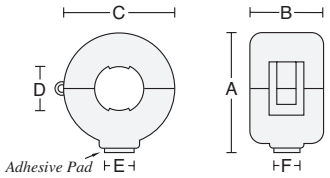
Part No.	Material	A	B	C	D	E	F	Color	Impedance in OHMS	Maximum recommended cable size
AS20B2034	20	.585 14,9	1.250 31,8	.585 14,9	.250 6,4	.120 3,0	.680 17,3	Grey	N/A	.125 3.2 to .170 4,3 dia.
AS20B2034K	20	.585 14,9	1.250 31,8	.585 14,9	.250 6,4	.120 3,0	.680 17,3	Black	N/A	.125 3.2 to .170 4,3 dia.
AS20B2037	20	.790 20,1	1.450 36,8	.770 19,6	.350 8,9	.200 5,1	.885 22,5	Grey	N/A	.210 5,3 to .300 7,6 dia.
AS20B2037K	20	.790 20,1	1.450 36,8	.770 19,6	.350 8,9	.200 5,1	.885 22,5	Black	N/A	.210 5,3 to .300 7,6 dia.
AS20B2042	20	.965 24,5	1.480 37,6	.930 23,6	.425 10,8	.170 4,3	1.035 26,3	Grey	N/A	.250 6,3 to .400 10,2 dia.
AS20B2042K	20	.965 24,5	1.480 37,6	.930 23,6	.425 10,8	.170 4,3	1.035 26,3	Black	N/A	.250 6,3 to .400 10,2 dia.
AS25B2037	25	.790 20,1	1.450 36,8	.770 19,6	.350 8,9	.200 5,1	.885 22,5	Grey	390 @ 700MHz	.210 5,3 to .300 7,6 dia.
AS25B2037K	25	.790 20,1	1.450 36,8	.770 19,6	.350 8,9	.200 5,1	.885 22,5	Black	390 @ 700MHz	.210 5,3 to .300 7,6 dia.
AS25B2032	25	1.155 29,3	1.450 36,8	1.125 28,6	.500 12,7	.200 5,1	1.230 31,2	Grey	510 @ 700MHz	.250 6,3 to .500 12,7 dia.
AS25B2032K	25	1.155 29,3	1.450 36,8	1.125 28,6	.500 12,7	.200 5,1	1.230 31,2	Black	510 @ 700MHz	.250 6,3 to .500 12,7 dia.
AS28B2034	28	.585 14,9	1.250 31,8	.585 14,9	.250 6,4	.120 3,0	.680 17,3	Grey	220 @ 100MHz	.125 3.2 to .170 4,3 dia.
AS28B2034K	28	.585 14,9	1.250 31,8	.585 14,9	.250 6,4	.120 3,0	.680 17,3	Black	220 @ 100MHz	.125 3.2 to .170 4,3 dia.
AS28B2037	28	.790 20,1	1.450 36,8	.770 19,6	.350 8,9	.200 5,1	.885 22,5	Grey	200 @ 100MHz	.210 5.3 to .300 7,6 dia.
AS28B2037K	28	.790 20,1	1.450 36,8	.770 19,6	.350 8,9	.200 5,1	.885 22,5	Black	200 @ 100MHz	.210 5.3 to .300 7,6 dia.
AS28B2042	28	.965 24,5	1.480 37,6	.930 23,6	.425 10,8	.170 4,3	1.035 26,3	Grey	238 @ 100MHz	.250 6.3 to .400 10,2 dia.
AS28B2042K	28	.965 24,5	1.480 37,6	.930 23,6	.425 10,8	.170 4,3	1.035 26,3	Black	238 @ 100MHz	.250 6,3 to .400 10,2 dia.
AS28B2032	28	1.155 29,3	1.450 36,8	1.125 28,6	.500 12,7	.200 5,1	1.230 31,2	Grey	230 @ 100MHz	.250 6,3 to .500 12,7 dia.
AS28B2032K	28	1.155 29,3	1.450 36,8	1.125 28,6	.500 12,7	.200 5,1	1.230 31,2	Black	230 @ 100MHz	.250 6,3 to .500 12,7 dia.
AS28B2044	28	1.700 43,2	1.800 45,7	1.800 45,7	.790 20,1	.200 5,1	1.830 46,5	Grey	260 @ 100MHz	.500 12,7 to .710 18,0 dia.
AS28B2044K	28	1.700 43,2	1.800 45,7	1.800 45,7	.790 20,1	.200 5,1	1.830 46,5	Black	260 @ 100MHz	.500 12,7 to .710 18,0 dia.
AS33B2037	33	.790 20,1	1.450 36,8	.770 19,6	.350 8,9	.200 5,1	.885 22,5	Grey	23 @ 30MHz	.210 5,3 to .300 7,6 dia.
AS33B2037K	33	.790 20,1	1.450 36,8	.770 19,6	.350 8,9	.200 5,1	.885 22,5	Black	23 @ 30MHz	.210 5,3 to .300 7,6 dia.
AS33B2032	33	1.155 29,3	1.450 36,8	1.125 28,6	.500 12,7	.200 5,1	1.230 31,2	Grey	27 @ 30MHz	.250 6,3 to .500 12,7 dia.
AS33B2032K	33	1.155 29,3	1.450 36,8	1.125 28,6	.500 12,7	.200 5,1	1.230 31,2	Grey	27 @ 30MHz	.250 6,3 to .500 12,7 dia.



Cable Snap

WITH ADHESIVE MOUNT BASE.

Ferrite assembly in fully enclosed nylon case; various sizes are functional with wires and cables up to a 1.0" (25,4mm) diameter. After closing around wire and clasping shut, assembly is ready for mounting.



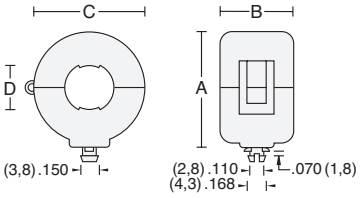
Part No.	Material	A		B		C		D		E		F		Color	Impedance in OHMS	Maximum recommended cable size				
CA28B1642	28	.882	22,4	.885	22,5	.840	21,3	.282	7,2	.375	9,5	.375	9,5	Grey	100 @ 100MHz				.300	7,6 dia.
CA28B1642K	28	.882	22,4	.885	22,5	.840	21,3	.282	7,2	.375	9,5	.375	9,5	Black	100 @ 100MHz				.300	7,6 dia.
CA28B2000	28	2.380	60,5	1.851	47,0	2.309	58,6	.960	24,4	1.000	25,4	1.500	38,1	Grey	380 @ 100MHz				1.00	25,4 dia.
CA28B2000K	28	2.380	60,5	1.851	47,0	2.309	58,6	.960	24,4	1.000	25,4	1.500	38,1	Black	380 @ 100MHz				1.00	25,4 dia.



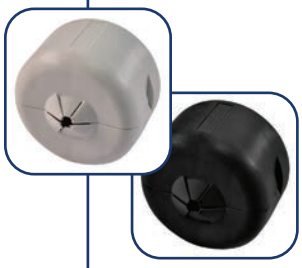
Cable Snap

WITH PRESS-FIT BUTTON MOUNT BASE.

Ferrite assembly in fully enclosed nylon case; functional with wires and cables up to a 1.0" (25,4mm) diameter. Includes a button mount base which press-fits into a .150" (3,8mm) diameter hole.



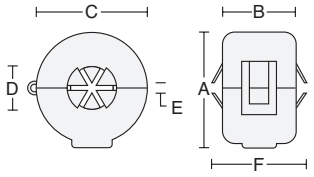
Part No.	Material	A		B		C		D		Color	Impedance in OHMS	Maximum recommended cable size		
CF28B1642	28	.852	21,6	.885	22,5	.840	21,3	.282	7,2	Grey	100 @ 100MHz	.300	7,6	dia.
CF28B1642K	28	.852	21,6	.885	22,5	.840	21,3	.282	7,2	Black	100 @ 100MHz	.300	7,6	dia.
CF28B1937	28	1.182	30,0	.780	19,8	1.188	30,2	.425	10,8	Grey	117 @ 100MHz	.400	10,2	dia.
CF28B1937K	28	1.182	30,0	.780	19,8	1.188	30,2	.425	10,8	Black	117 @ 100MHz	.400	10,2	dia.



Cable Snap

WITH VARIABLE DIAMETER END PORTS.

Ferrite assembly in fully enclosed nylon case. End ports are surrounded with flexible spring flutes to grip the cable. The grip-locking action prevents lateral movement along the cable or wire bundle.



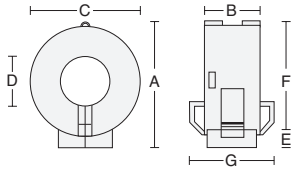
Patent No. 5,003,278

Part No.	Material	A		B		C		D		E		F		Color	Impedance in OHMS	Maximum recommended cable size					
CV28B1642	28	.852	21,6	.885	22,5	.840	21,3	.282	7,2	.120	3,0	1.020	25,9	Grey	100 @ 100MHz	.120	3,0	to	.300	7,6	dia.
CV28B1642K	28	.852	21,6	.885	22,5	.840	21,3	.282	7,2	.120	3,0	1.020	25,9	Black	100 @ 100MHz	.120	3,0	to	.300	7,6	dia.
CV28B1937	28	1.182	30,0	.780	19,8	1.188	30,2	.375	9,5	.120	3,0	.950	24,1	Grey	117 @ 100MHz	.200	5,1	to	.400	10,2	dia.
CV28B1937K	28	1.182	30,0	.780	19,8	1.188	30,2	.375	9,5	.120	3,0	.950	24,1	Black	117 @ 100MHz	.200	5,1	to	.400	10,2	dia.



Cable Snap

Ferrite assembly in fully enclosed nylon case. Snap closed around wire by clasping shut to position assembly. Cable tie-wraps may be threaded through the loops on each side.



Part No.	Material	A		B		C		D		E		F		G		Color	Impedance in OHMS	Maximum recommended cable size		
CS28B0642	28	.923	23,4	.708	18,0	.780	19,8	.300	7,6	.143	3,6	.818	20,8	1.000	25,4	Grey	100 @ 100MHz	.300	7,6	dia.
CS28B0642K	28	.923	23,4	.708	18,0	.780	19,8	.300	7,6	.143	3,6	.818	20,8	1.000	25,4	Black	100 @ 100MHz	.300	7,6	dia.
CS28B0805	28	1.095	27,8	.476	12,1	.965	24,5	.345	8,8	.100	2,5	1.003	25,5	.890	22,6	Grey	73 @ 100MHz	.345	8,7	dia.
CS28B0805K	28	1.095	27,8	.476	12,1	.965	24,5	.345	8,8	.100	2,5	1.003	25,5	.890	22,6	Black	73 @ 100MHz	.345	8,7	dia.
CS28B0937	28	1.222	31,0	.691	17,6	1.078	27,4	.425	10,8	.098	2,5	1.116	28,3	.930	23,6	Grey	117 @ 100MHz	.400	10,2	dia.
CS28B0937K	28	1.222	31,0	.691	17,6	1.078	27,4	.425	10,8	.098	2,5	1.116	28,3	.930	23,6	Black	117 @ 100MHz	.400	10,2	dia.

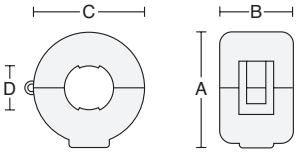
28 10MHz-1GHz (250MHz peak) 33 1MHz-60MHz (30MHz peak) 25 1MHz-1.2GHz (700MHz peak) 20 2.45GHz peak



Cable Snap

Ferrite assembly in fully enclosed nylon case. 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.	Material	A		B		C		D		Color	Impedance in OHMS	Maximum recommended cable size
CS25B1937	25	1.182	30,0	.780	19,8	1.188	30,2	.425	10,8	Grey	305 @ 700MHz	.400 10,2 dia.
CS25B1937K	25	1.182	30,0	.780	19,8	1.188	30,2	.425	10,8	Black	305 @ 700MHz	.400 10,2 dia.
CS28B1642	28	.852	21,6	.885	22,5	.840	21,3	.282	7,2	Grey	100 @ 100MHz	.300 7,6 dia.
CS28B1642K	28	.852	21,6	.885	22,5	.840	21,3	.282	7,2	Black	100 @ 100MHz	.300 7,6 dia.
CS28B1805	28	1.040	26,4	.667	16,9	1.025	26,0	.340	8,6	Grey	73 @ 30MHz	.345 8,7 dia.
CS28B1805K	28	1.040	26,4	.667	16,9	1.025	26,0	.340	8,6	Black	73 @ 30MHz	.345 8,7 dia.
CS28B1937	28	1.182	30,0	.780	19,8	1.188	30,2	.425	10,8	Grey	117 @ 100MHz	.400 10,2 dia.
CS28B1937K	28	1.182	30,0	.780	19,8	1.188	30,2	.425	10,8	Black	117 @ 100MHz	.400 10,2 dia.
CS28B1984	28	1.218	30,9	.705	17,9	1.220	31,0	.525	13,3	Grey	62 @ 100MHz	.520 13,2 dia.
CS28B1984K	28	1.218	30,9	.705	17,9	1.220	31,0	.525	13,3	Black	62 @ 100MHz	.520 13,2 dia.
CS28B1501	28	1.725	43,8	1.232	31,3	1.720	43,7	.710	18,0	Grey	177 @ 100MHz	.750 19,1 dia.
CS28B1501K	28	1.725	43,8	1.232	31,3	1.720	43,7	.710	18,0	Black	177 @ 100MHz	.750 19,1 dia.
CS28B2000	28	2.350	59,7	1.851	47,0	2.309	58,6	.960	24,4	Grey	380 @ 100MHz	1.000 25,4 dia.
CS28B2000K	28	2.350	59,7	1.851	47,0	2.309	58,6	.960	24,4	Black	380 @ 100MHz	1.000 25,4 dia.
CS28B4000	28	4.500	114,3	1.851	47,0	4.687	119,0	1.960	49,8	Grey	290 @ 100MHz	2.000 50,8 dia.
CS28B4000K	28	4.500	114,3	1.851	47,0	4.687	119,0	1.960	49,8	Black	290 @ 100MHz	2.000 50,8 dia.
CS33B1805	33	1.040	26,4	.667	16,9	1.025	26,0	.340	8,6	Grey	22 @ 30MHz	.345 8,7 dia.
CS33B1805K	33	1.040	26,4	.667	16,9	1.025	26,0	.340	8,6	Black	22 @ 30MHz	.345 8,7 dia.
CS33B2000	33	2.350	59,7	1.851	47,0	2.309	58,6	.960	24,4	Grey	210 @ 30MHz	1.000 25,4 dia.
CS33B2000K	33	2.350	59,7	1.851	47,0	2.309	58,6	.960	24,4	Black	210 @ 30MHz	1.000 25,4 dia.
CS33B4000	33	4.500	114,3	1.851	47,0	4.687	119,0	1.960	49,8	Grey	140 @ 30MHz	2.000 50,8 dia.
CS33B4000K	33	4.500	114,3	1.851	47,0	4.687	119,0	1.960	49,8	Black	140 @ 30MHz	2.000 50,8 dia.

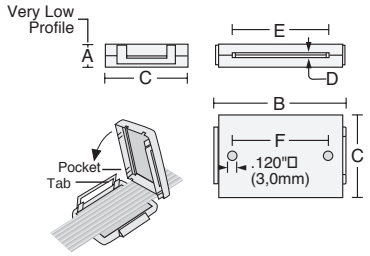


Low Profile Flat Cable Clamp

SLIM-LINE FLAT CABLE CLAMP WITH CABLE GRIP OPENINGS.

Ferrite pair snaps together into the lowest profile nylon enclosure available. Three sizes accommodate flat cables up to 40-conductors. Internal grip-lock tabs maintain mounting position. Mounts also with flat-head screws through the .120" (3,0mm) diameter holes in the bottom by temporarily removing the lower ferrite half.

1. Place cable over lower half.
2. Align tabs and pockets on one end.
3. Rotate top half onto bottom clipping both sides in one smooth motion.



Part No.	Material	A		B		C		D		E		F		Color	Impedance in OHMS	Maximum recommended cable size
RC28B0765	28	.370	9,4	1.065	27,1	1.312	33,3	.038	0,97	.547	13,9	.250	6,4	Grey	142 @ 100MHz	10 conductor, .038 X .500 1,0 X 12,7
RC28B0765K	28	.370	9,4	1.065	27,1	1.312	33,3	.038	0,97	.547	13,9	.250	6,4	Black	142 @ 100MHz	10 conductor, .038 X .500 1,0 X 12,7
RC28B1265	28	.370	9,4	1.560	39,6	1.312	33,3	.038	0,97	1.047	26,6	.950	24,1	Grey	148 @ 100MHz	20 conductor, .038 X 1.00 1,0 X 25,4
RC28B1265K	28	.370	9,4	1.560	39,6	1.312	33,3	.038	0,97	1.047	26,6	.950	24,1	Black	148 @ 100MHz	20 conductor, .038 X 1.00 1,0 X 25,4
RC28B2265	28	.370	9,4	2.560	65,0	1.312	33,3	.038	0,97	2.047	52,0	1.750	44,5	Grey	154 @ 100MHz	40 conductor, .038 X 2.00 1,0 X 50,8
RC28B2265K	28	.370	9,4	2.560	65,0	1.312	33,3	.038	0,97	2.047	52,0	1.750	44,5	Black	154 @ 100MHz	40 conductor, .038 X 2.00 1,0 X 50,8

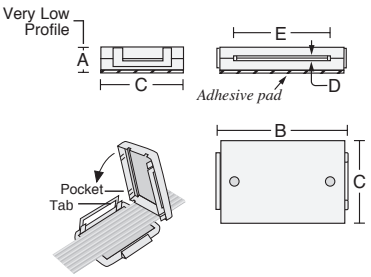


Low Profile Flat Cable Clamp With Adhesive Mount

SLIM-LINE FLAT CABLE CLAMP WITH CABLE GRIP OPENINGS.

Ferrite pair snaps together into the lowest profile nylon enclosure available. Three sizes accommodate flat cables up to 40-conductors. Internal grip-lock tabs apply pressure on cable to maintain mounting position. Installs easily on any mounting surface by removing liner from foam adhesive base pad. Excellent for flex-circuits.

1. Place cable over lower half.
2. Align tabs and pockets on one end.
3. Rotate top half onto bottom clipping both sides in one smooth motion.



Part No.	Material	A		B		C		D		E		Color	Impedance in OHMS	Maximum recommended cable size
RA28B0765	28	.400	10,2	1.065	27,1	1.312	33,3	.038	0,97	.547	13,9	Grey	142 @ 100MHz	10 conductor, .038 X .500 1,0 X 12,7
RA28B0765K	28	.400	10,2	1.065	27,1	1.312	33,3	.038	0,97	.547	13,9	Black	142 @ 100MHz	10 conductor, .038 X .500 1,0 X 12,7
RA28B1265	28	.400	10,2	1.560	39,6	1.312	33,3	.038	0,97	1.047	26,6	Grey	148 @ 100MHz	20 conductor, .038 X 1.00 1,0 X 25,4
RA28B1265K	28	.400	10,2	1.560	39,6	1.312	33,3	.038	0,97	1.047	26,6	Black	148 @ 100MHz	20 conductor, .038 X 1.00 1,0 X 25,4
RA28B2265	28	.400	10,2	2.560	65,0	1.312	33,3	.038	0,97	2.047	52,0	Grey	154 @ 100MHz	40 conductor, .038 X 2.00 1,0 X 50,8
RA28B2265K	28	.400	10,2	2.560	65,0	1.312	33,3	.038	0,97	2.047	52,0	Black	154 @ 100MHz	40 conductor, .038 X 2.00 1,0 X 50,8

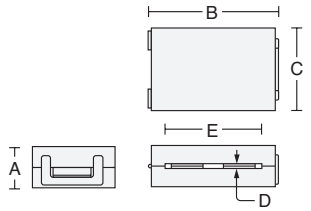


Flat Cable Clamp

WITH FULL OUTER ENCLOSURE.

Ferrite assembly in fully enclosed nylon case. Four sizes functional with flat cables up to 64-conductor widths. Internal grip-lock tabs apply pressure on cable to maintain mounting position.

May also be mounted with flat-head screws through the .120" (3,0mm) diameter holes on 1.25" (31,8mm) centers in the bottom by temporarily removing the lower ferrite half. Excellent for flex-circuits.



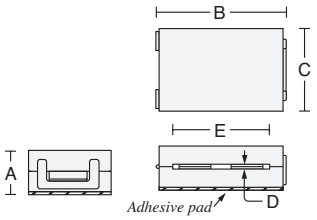
Part No.	Material	A		B		C		D		E		Color	Impedance in OHMS	Maximum recommended cable size
RC28B1729	28	.670	17,0	2.03	51,6	1.312	33,3	.060	1,5	1.355	34,4	Grey	200 @ 100MHz	26 conductor, .060 X 1.25 1,5 X 31,8
RC28B1729K	28	.670	17,0	2.03	51,6	1.312	33,3	.060	1,5	1.355	34,4	Black	200 @ 100MHz	26 conductor, .060 X 1.25 1,5 X 31,8
RC28B2480	28	.670	17,0	2.76	70,1	1.312	33,3	.060	1,5	2.047	52,0	Grey	250 @ 100MHz	40 conductor, .060 X 2.00 1,5 X 50,8
RC28B2480K	28	.670	17,0	2.76	70,1	1.312	33,3	.060	1,5	2.047	52,0	Black	250 @ 100MHz	40 conductor, .060 X 2.00 1,5 X 50,8
RC28B3012	28	.670	17,0	3.26	82,8	1.312	33,3	.060	1,5	2.540	64,5	Grey	286 @ 100MHz	50 conductor, .060 X 2.50 1,5 X 63,5
RC28B3012K	28	.670	17,0	3.26	82,8	1.312	33,3	.060	1,5	2.540	64,5	Black	286 @ 100MHz	50 conductor, .060 X 2.50 1,5 X 63,5
RC28B4340	28	.755	19,2	4.61	117,1	1.312	33,3	.104	2.6	3.240	82,3	Grey	325 @ 100MHz	64 conductor, .100 X 3.20 2,5 X 81,3
RC28B4340K	28	.755	19,2	4.61	117,1	1.312	33,3	.104	2.6	3.240	82,3	Black	325 @ 100MHz	64 conductor, .100 X 3.20 2,5 X 81,3



Flat Cable Clamp With Adhesive Mount

WITH FULL OUTER ENCLOSURE.

Ferrite assembly in fully enclosed nylon case. Four sizes functional with flat cables up to 64-conductor widths. Internal grip-lock tabs apply pressure on cable to maintain mounting position.



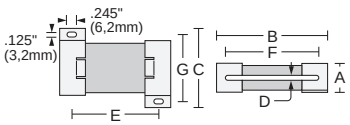
Part No.	Material	A		B		C		D		E		Color	Impedance in OHMS	Maximum recommended cable size
RA28B1729	28	.700	17,8	2.03	51,6	1.312	33,3	.060	1,5	1.355	34,4	Grey	200 @ 100MHz	26 conductor, .060 X 1.25 1,5 X 31,8
RA28B1729K	28	.700	17,8	2.03	51,6	1.312	33,3	.060	1,5	1.355	34,4	Black	200 @ 100MHz	26 conductor, .060 X 1.25 1,5 X 31,8
RA28B2480	28	.700	17,8	2.76	70,1	1.312	33,3	.060	1,5	2.047	52,0	Grey	250 @ 100MHz	40 conductor, .060 X 2.00 1,5 X 50,8
RA28B2480K	28	.700	17,8	2.76	70,1	1.312	33,3	.060	1,5	2.047	52,0	Black	250 @ 100MHz	40 conductor, .060 X 2.00 1,5 X 50,8
RA28B3012	28	.700	17,8	3.26	82,8	1.312	33,3	.060	1,5	2.540	64,5	Grey	286 @ 100MHz	50 conductor, .060 X 2.50 1,5 X 63,5
RA28B3012K	28	.700	17,8	3.26	82,8	1.312	33,3	.060	1,5	2.540	64,5	Black	286 @ 100MHz	50 conductor, .060 X 2.50 1,5 X 63,5
RA28B4340	28	.785	19,9	4.61	117,1	1.312	33,3	.104	2.6	3.240	82,3	Grey	325 @ 100MHz	64 conductor, .100 X 3.20 2,5 X 81,3
RA28B4340K	28	.785	19,9	4.61	117,1	1.312	33,3	.104	2.6	3.240	82,3	Black	325 @ 100MHz	64 conductor, .100 X 3.20 2,5 X 81,3



Flat Cable Clamp

WITH SPLIT END CAPS, HARDWARE MOUNT.

Ferrite assembly press-fitted into a pair of nylon end caps. Mounts using screws, push-rivets, or other hardware. Ten sizes accommodate flat cables up to 64-conductor width.



Part No.	Material	A		B		C		D		E		F		G		Color	Impedance in OHMS	Maximum recommended cable size
SE25B0121	25	.375	9,5	1.315	33,4	1.190	30,2	.060	1,5	1.000	25,4	1.010	25,7	.900	22,9	Grey	245 @ 700MHz	20 conductor, .060 X 1.00 1,5 X 25,4
SE25B0121K	25	.375	9,5	1.315	33,4	1.190	30,2	.060	1,5	1.000	25,4	1.010	25,7	.900	22,9	Black	245 @ 700MHz	20 conductor, .060 X 1.00 1,5 X 25,4
SE28B0071	28	.375	9,5	.815	20,7	1.190	30,2	.060	1,5	.470	11,9	.510	13,0	.900	22,9	Grey	49 @ 100MHz	10 conductor, .060 X .500 1,5 X 12.7
SE28B0071K	28	.375	9,5	.815	20,7	1.190	30,2	.060	1,5	.470	11,9	.510	13,0	.900	22,9	Black	49 @ 100MHz	10 conductor, .060 X .500 1,5 X 12.7
SE28B0121	28	.375	9,5	1.315	33,4	1.190	30,2	.060	1,5	1.000	25,4	1.010	25,7	.900	22,9	Grey	97 @ 100MHz	20 conductor, .060 X 1.00 1,5 X 25.4
SE28B0121K	28	.375	9,5	1.315	33,4	1.190	30,2	.060	1,5	1.000	25,4	1.010	25,7	.900	22,9	Black	97 @ 100MHz	20 conductor, .060 X 1.00 1,5 X 25.4
SE28B0146	28	.375	9,5	1.565	39,8	1.190	30,2	.060	1,5	1.250	31,8	1.260	32,0	.900	22,9	Grey	120 @ 100MHz	26 conductor, .060 X 1.25 1,5 X 31.8
SE28B0146K	28	.375	9,5	1.565	39,8	1.190	30,2	.060	1,5	1.250	31,8	1.260	32,0	.900	22,9	Black	120 @ 100MHz	26 conductor, .060 X 1.25 1,5 X 31.8
SE28B0221	28	.375	9,5	2.315	58,8	1.190	30,2	.060	1,5	2.000	50,8	2.010	51,1	.900	22,9	Grey	176 @ 100MHz	40 conductor, .060 X 2.00 1,5 X 50.8
SE28B0221K	28	.375	9,5	2.315	58,8	1.190	30,2	.060	1,5	2.000	50,8	2.010	51,1	.900	22,9	Black	176 @ 100MHz	40 conductor, .060 X 2.00 1,5 X 50.8
SE28B3012	28	.625	15,9	3.125	79,4	1.829	46,5	.060	1,5	2.550	64,8	2.540	64,5	1.500	38,1	Grey	286 @ 100MHz	50 conductor, .060 X 2.50 1,5 X 63,5
SE28B3012K	28	.625	15,9	3.125	79,4	1.829	46,5	.060	1,5	2.550	64,8	2.540	64,5	1.500	38,1	Black	286 @ 100MHz	50 conductor, .060 X 2.50 1,5 X 63,5
SE28B4340	28	.625	15,9	4.460	113,3	1.829	46,5	.104	2,6	3.875	98,4	3.240	82,3	1.500	38,1	Grey	325 @ 100MHz	64 conductor, .100 X 3.20 2,5 X 81,3
SE28B4340K	28	.625	15,9	4.460	113,3	1.829	46,5	.104	2,6	3.875	98,4	3.240	82,3	1.500	38,1	Black	325 @ 100MHz	64 conductor, .100 X 3.20 2,5 X 81,3
SE33B4340	33	.655	16,6	4.460	113,3	1.829	46,5	.104	2,6	3.875	98,4	3.240	82,3	1.500	38,1	Grey	79 @ 30MHz	64 conductor, .100 X 3.20 2,5 X 81,3
SE33B4340K	33	.655	16,6	4.460	113,3	1.829	46,5	.104	2,6	3.875	98,4	3.240	82,3	1.500	38,1	Black	79 @ 30MHz	64 conductor, .100 X 3.20 2,5 X 81,3

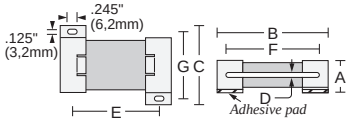
28 10MHz-1GHz (250MHz peak) 33 1MHz-60MHz (30MHz peak) 25 1MHz-1.2GHz (700MHz peak) 20 2.45GHz peak



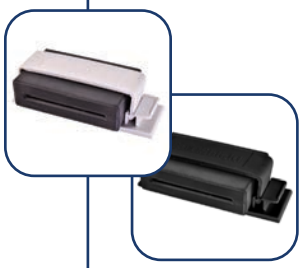
Flat Cable Clamp With Adhesive Mount

WITH SPLIT END CAPS.

Ferrite assembly press-fitted into a pair of nylon end caps with adhesive foam mounting pads. Ten sizes accommodate flat cables up to 64-conductor width.

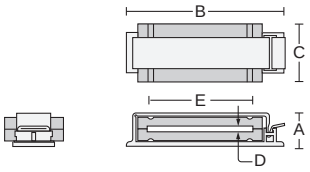


Part No.	Material	A	B	C	D	E	F	G	Color	Impedance in OHMS	Maximum recommended cable size
SA25B0121	25	.405 10,3	1.315 33,4	1.190 30,2	.060 1,5	1.000 25,4	1.010 25,7	.900 22,9	Grey	245 @ 700MHz	20 conductor, .060 X 1.00 1,5 X 25,4
SA25B0121K	25	.405 10,3	1.315 33,4	1.190 30,2	.060 1,5	1.000 25,4	1.010 25,7	.900 22,9	Black	245 @ 700MHz	20 conductor, .060 X 1.00 1,5 X 25,4
SA28B0071	28	.405 10,3	.815 20,7	1.190 30,2	.060 1,5	.470 11,9	.510 13,0	.900 22,9	Grey	49 @ 100MHz	10 conductor, .060 X .500 1,5 X 12,7
SA28B0071K	28	.405 10,3	.815 20,7	1.190 30,2	.060 1,5	.470 11,9	.510 13,0	.900 22,9	Black	49 @ 100MHz	10 conductor, .060 X .500 1,5 X 12,7
SA28B0121	28	.405 10,3	1.315 33,4	1.190 30,2	.060 1,5	1.000 25,4	1.010 25,7	.900 22,9	Grey	97 @ 100MHz	20 conductor, .060 X 1.00 1,5 X 25,4
SA28B0121K	28	.405 10,3	1.315 33,4	1.190 30,2	.060 1,5	1.000 25,4	1.010 25,7	.900 22,9	Black	97 @ 100MHz	20 conductor, .060 X 1.00 1,5 X 25,4
SA28B0146	28	.405 10,3	1.565 39,8	1.190 30,2	.060 1,5	1.250 31,8	1.260 32,0	.900 22,9	Grey	120 @ 100MHz	26 conductor, .060 X 1.25 1,5 X 31,8
SA28B0146K	28	.405 10,3	1.565 39,8	1.190 30,2	.060 1,5	1.250 31,8	1.260 32,0	.900 22,9	Black	120 @ 100MHz	26 conductor, .060 X 1.25 1,5 X 31,8
SA28B0221	28	.405 10,3	2.315 58,8	1.190 30,2	.060 1,5	2.000 50,8	2.010 51,1	.900 22,9	Grey	176 @ 100MHz	40 conductor, .060 X 2.00 1,5 X 50,8
SA28B0221K	28	.405 10,3	2.315 58,8	1.190 30,2	.060 1,5	2.000 50,8	2.010 51,1	.900 22,9	Black	176 @ 100MHz	40 conductor, .060 X 2.00 1,5 X 50,8
SA28B3012	28	.655 16,6	3.125 79,4	1.829 46,5	.060 1,5	2.550 64,8	2.540 64,5	1.500 38,1	Grey	286 @ 100MHz	50 conductor, .060 X 2.50 1,5 X 63,5
SA28B3012K	28	.655 16,6	3.125 79,4	1.829 46,5	.060 1,5	2.550 64,8	2.540 64,5	1.500 38,1	Black	286 @ 100MHz	50 conductor, .060 X 2.50 1,5 X 63,5
SA28B4340	28	.655 16,6	4.460 113,3	1.829 46,5	.104 2,6	3.875 98,4	3.240 82,3	1.500 38,1	Grey	325 @ 100MHz	64 conductor, .100 X 3.20 2,5 X 8,2
SA28B4340K	28	.655 16,6	4.460 113,3	1.829 46,5	.104 2,6	3.875 98,4	3.240 82,3	1.500 38,1	Black	325 @ 100MHz	64 conductor, .100 X 3.20 2,5 X 8,2
SA33B4340	33	.655 16,6	4.460 113,3	1.829 46,5	.104 2,6	3.875 98,4	3.240 82,3	1.500 38,1	Grey	79 @ 30MHz	64 conductor, .100 X 3.20 2,5 X 8,2
SA33B4340K	33	.655 16,6	4.460 113,3	1.829 46,5	.104 2,6	3.875 98,4	3.240 82,3	1.500 38,1	Black	79 @ 30MHz	64 conductor, .100 X 3.20 2,5 X 8,2



Flat Cable Clamp

Ferrite assembly bonded in nylon mounting clamp. Nine sizes accommodate all flat cables up to 50-conductor width.

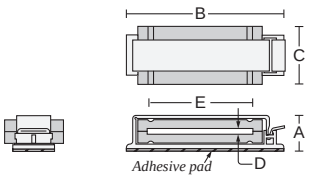


Part No.	Material	A	B	C	D	E	Color	Impedance in OHMS	Maximum recommended cable size
FC25B2480	25	.800 20,3	3.180 80,8	1.125 28,6	.060 1,5	2.047 52,0	Grey	790 @ 700MHz	40 conductor, .060 X 2.00 1,5 X 50.8
FC25B2480K	25	.800 20,3	3.180 80,8	1.125 28,6	.060 1,5	2.047 52,0	Black	790 @ 700MHz	40 conductor, .060 X 2.00 1,5 X 50.8
FC28B0121	28	.520 13,2	1.790 45,5	.750 19,1	.060 1,5	1.010 25,7	Grey	97 @ 100MHz	20 conductor, .060 X 1.00 1,5 X 25.4
FC28B0121K	28	.520 13,2	1.790 45,5	.750 19,1	.060 1,5	1.010 25,7	Black	97 @ 100MHz	20 conductor, .060 X 1.00 1,5 X 25.4
FC28B1729	28	.800 20,3	2.430 61,7	1.125 28,6	.060 1,5	1.355 34,4	Grey	200 @ 100MHz	26 conductor, .060 X 1.25 1,5 X 31.8
FC28B1729K	28	.800 20,3	2.430 61,7	1.125 28,6	.060 1,5	1.355 34,4	Black	200 @ 100MHz	26 conductor, .060 X 1.25 1,5 X 31.8
FC28B3012	28	.800 20,3	3.700 94,0	1.125 28,6	.060 1,5	2.540 64,5	Grey	286 @ 100MHz	50 conductor, .060 X 2.50 1,5 X 63.5
FC28B3012K	28	.800 20,3	3.700 94,0	1.125 28,6	.060 1,5	2.540 64,5	Black	286 @ 100MHz	50 conductor, .060 X 2.50 1,5 X 63.5

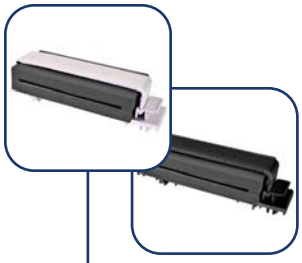


Flat Cable Clamp With Adhesive Mount

Ferrite assembly bonded in nylon mounting clamp; easily installed by peeling protective paper strip from base and pressing into place. Nine sizes accommodate all flat cables up to 50-conductor width.



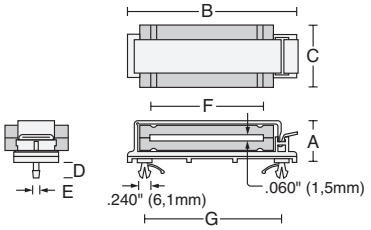
Part No.	Material	A	B	C	D	E	Color	Impedance in OHMS	Maximum recommended cable size
FA25B2480	25	.830 21,1	3.180 80,8	1.125 28,6	.060 1,5	2.047 52,0	Grey	790 @ 700MHz	40 conductor, .060 X 2.00 1,5 X 50.8
FA25B2480K	25	.830 21,1	3.180 80,8	1.125 28,6	.060 1,5	2.047 52,0	Black	790 @ 700MHz	40 conductor, .060 X 2.00 1,5 X 50.8
FA28B0121	28	.550 14,0	1.790 45,5	.750 19,1	.060 1,5	1.010 25,7	Grey	97 @ 100MHz	20 conductor, .060 X 1.00 1,5 X 25.4
FA28B0121K	28	.550 14,0	1.790 45,5	.750 19,1	.060 1,5	1.010 25,7	Black	97 @ 100MHz	20 conductor, .060 X 1.00 1,5 X 25.4
FA28B1729	28	.830 21,1	2.430 61,7	1.125 28,6	.060 1,5	1.355 34,4	Grey	200 @ 100MHz	26 conductor, .060 X 1.25 1,5 X 31.8
FA28B1729K	28	.830 21,1	2.430 61,7	1.125 28,6	.060 1,5	1.355 34,4	Black	200 @ 100MHz	26 conductor, .060 X 1.25 1,5 X 31.8
FA28B3012	28	.830 21,1	3.700 94,0	1.125 28,6	.060 1,5	2.540 64,5	Grey	286 @ 100MHz	50 conductor, .060 X 2.50 1,5 X 63.5
FA28B3012K	28	.830 21,1	3.700 94,0	1.125 28,6	.060 1,5	2.540 64,5	Black	286 @ 100MHz	50 conductor, .060 X 2.50 1,5 X 63.5



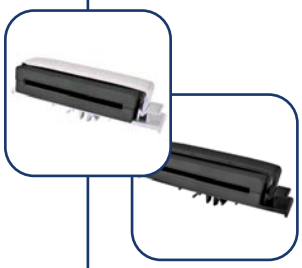
Flat Cable Clamp

WITH DUAL PRESS FIT MOUNTS.

Ferrite assembly bonded in nylon mounting clamp; easily installed by pressing the integral spring tab fasteners into two .219" (5,6mm) diameter holes. Three sizes accommodate all flat cables up to 50-conductor width. Fits substrates up to .070" (1,8mm) thickness.



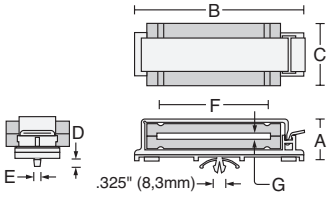
Part No.	Material	A	B	C	D	E	F	G	Color	Impedance in OHMS	Maximum recommended cable size
FD28B2375	28	.800 20,3	3.180 80,8	1.050 26,7	.280 7,1	.183 4,6	1.720 43,7	2.550 64,8	Grey	195 @ 100MHz	34 conductor, .060 X 1.70 1,5 X 43,2
FD28B2375K	28	.800 20,3	3.180 80,8	1.050 26,7	.280 7,1	.183 4,6	1.720 43,7	2.550 64,8	Black	195 @ 100MHz	34 conductor, .060 X 1.70 1,5 X 43,2
FD28B2480	28	.800 20,3	3.180 80,8	1.125 28,6	.280 7,1	.183 4,6	2.047 52,0	2.550 64,8	Grey	250 @ 100MHz	40 conductor, .060 X 2.00 1,5 X 50,8
FD28B2480K	28	.800 20,3	3.180 80,8	1.125 28,6	.280 7,1	.183 4,6	2.047 52,0	2.550 64,8	Black	250 @ 100MHz	40 conductor, .060 X 2.00 1,5 X 50,8



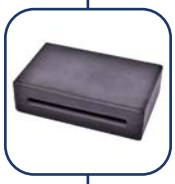
Flat Cable Clamp

WITH SINGLE PRESS FIT MOUNT.

Ferrite assembly bonded in nylon mounting clamp; easily installed by pressing the integral spring tab fastener into a .250" (6,4mm) diameter hole. Seven sizes accommodate all flat cables up to 50-conductor width. Fits substrates up to .070" (1,8mm) thickness.

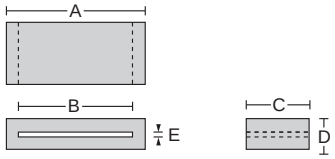


Part No.	Material	A	B	C	D	E	F	G	Color	Impedance in OHMS	Maximum recommended cable size
FF28B1729	28	.800 20,3	2.430 61,7	1.125 28,6	.280 7,1	.183 4,6	1.355 34,4	.060 1,5	Grey	200 @ 100MHz	26 conductor, .060 X 1.25 1,5 X 31,8
FF28B1729K	28	.800 20,3	2.430 61,7	1.125 28,6	.280 7,1	.183 4,6	1.355 34,4	.060 1,5	Black	200 @ 100MHz	26 conductor, .060 X 1.25 1,5 X 31,8
FF28B2480	28	.800 20,3	3.180 80,8	1.125 28,6	.280 7,1	.183 4,6	2.047 52,0	.060 1,5	Grey	250 @ 100MHz	40 conductor, .060 X 2.00 1,5 X 50,8
FF28B2480K	28	.800 20,3	3.180 80,8	1.125 28,6	.280 7,1	.183 4,6	2.047 52,0	.060 1,5	Black	250 @ 100MHz	40 conductor, .060 X 2.00 1,5 X 50,8

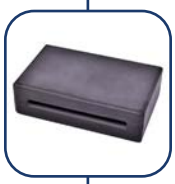


Rectangular Solids

Solid ferrite suppressors configured to accept flat ribbon cables. Must be installed prior to termination of the cable. High tack adhesive mounting pad secures the cable routing to a fixed point on almost any surface. Can be stacked one on top of another. A variety of designs accommodate special installation and insertion loss requirements.

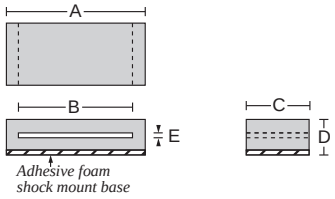


Part No.	Material	A	B	C	D	E	Impedance in OHMS	Maximum recommended cable size
28B0785	28	.785 19,9	.515 13,1	1.100 27,9	.445 11,3	.145 3,7	170 @ 100MHz	10 conductor, .145 X .500 3,7 X 12,7
28B1531	28	1.530 38,9	1.045 26,5	1.125 28,6	1.055 26,8	.510 13,0	196 @ 100MHz	20 conductor, .210 X 1.00 5,3 X 25,4
28B1775	28	1.775 45,1	1.355 34,4	1.125 28,6	.520 13,2	.060 1,5	293 @ 100MHz	26 conductor, .060 X 1.30 1,5 X 33,0
28B1101	28	1.101 28,0	.902 22,9	.577 14,7	.335 8,5	.059 1,5	133 @ 100MHz	18 conductor, .059 X .900 1,5 X 22,9
28B1775-1	28	1.775 45,1	1.355 34,4	.500 12,7	.520 13,2	.060 1,5	151 @ 100MHz	26 conductor, .060 X 1.30 1,5 X 33,0
28B3149	28	3.149 80,0	2.700 68,6	.500 12,7	.502 12,8	.075 1,9	93 @ 100MHz	50 conductor, .075 X 2.70 1,9 X 68,5



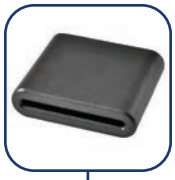
Rectangular Solids With Adhesive Mount

Solid ferrite suppressors configured to accept flat ribbon cables. Must be installed prior to termination of the cable. Can be stacked one on top of another. A variety of designs accommodate special installation and insertion loss requirements.



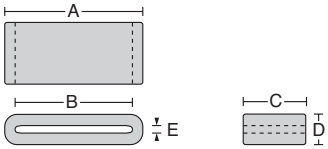
Part No.	Material	A	B	C	D	E	Impedance in OHMS	Maximum recommended cable size
SM28B0785	28	.785 19,9	.515 13,1	1.100 27,9	.445 11,3	.145 3,7	170 @ 100MHz	10 conductor, .145 X .500 3,7 X 12,7
SM28B1531	28	1.530 38,9	1.045 26,5	1.125 28,6	1.055 26,8	.510 13,0	196 @ 100MHz	20 conductor, .210 X 1.00 5,3 X 25,4
SM28B1775	28	1.775 45,1	1.355 34,4	1.125 28,6	.520 13,2	.060 1,5	293 @ 100MHz	26 conductor, .060 X 1.30 1,5 X 33,0
SM28B1101	28	1.101 28,0	.902 22,9	.577 14,7	.335 8,5	.059 1,5	133 @ 100MHz	18 conductor, .059 X .900 1,5 X 22,9
SM28B1775-1	28	1.775 45,1	1.355 34,4	.500 12,7	.520 13,2	.060 1,5	151 @ 100MHz	26 conductor, .060 X 1.30 1,5 X 33,0
SM28B3149	28	3.149 80,0	2.700 68,6	.500 12,7	.502 12,8	.075 1,9	93 @ 100MHz	50 conductor, .075 X 2.70 1,9 X 68,5

28 10MHz-1GHz (250MHz peak) 33 1MHz-60MHz (30MHz peak) 25 1MHz-1.2GHz (700MHz peak) 20 2.45GHz peak

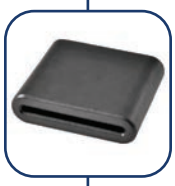


Low Profile Solids

Excellent for thin flex circuits and SCSI 2 flat cables on .025" (0,64mm) centers. Six sizes accommodate cable widths up to 2.00" (50,8 mm).

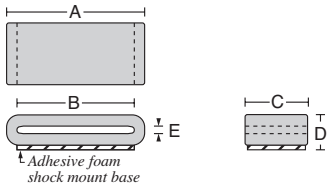


Part No.	Material	A	B	C	D	E	Impedance in OHMS	Maximum recommended cable size
28R0760	28	.760 19,3	.510 13,0	1.125 28,6	.300 7,6	.051 1,3	150 @ 100MHz	10 conductor, .051 X .510 1,3 X 13,0
FX28R0984-2	28	.984 25,0	.709 18,0	.630 16,0	.303 7,7	.035 0,9	170 @ 100MHz	.030 X .700 0,76 X 17,8
28R1127	28	1.125 28,6	.925 23,5	1.220 31,0	.303 7,7	.066 1,7	188 @ 100MHz	18 conductor, .060 X .900 1,5 X 22,9
28R1127-2	28	1.125 28,6	.925 23,5	.980 24,9	.303 7,7	.066 1,7	151 @ 100MHz	18 conductor, .060 X .900 1,5 X 22,9
FX28R1261-2	28	1.260 32,0	.988 25,1	.382 9,7	.303 7,7	.035 0,9	135 @ 100MHz	.030 X .980 0,76 X 24,9
28R1260	28	1.260 32,0	1.010 25,7	1.125 28,6	.300 7,6	.051 1,3	237 @ 100MHz	20 conductor, .051 X 1.01 1,3 X 25,7
FX28R1457-4	28	1.457 37,0	1.299 33,0	.530 13,5	.177 4.5	.020 0,5	140 @ 100MHz	.018 X 1.29 0,46 X 32,8
28R1575	28	1.575 40,0	1.325 33,7	1.125 28,6	.300 7,6	.051 1,3	160 @ 100MHz	26 conductor, .051 X 1.30 1,3 X 33,0
28R1953	28	1.953 49,6	1.732 44,0	.472 12,0	.288 7,3	.059 1,5	109 @ 100MHz	34 conductor, .059 X 1.70 1,5 X 43,2



Low Profile Solids With Adhesive Mount

Excellent for thin flex circuits and SCSI 2 flat cables on .025" (0,64mm) centers. Six sizes accommodate cable widths up to 2.00" (50,8mm). High tack adhesive mounting pad secures to almost any surface. Can be stacked one on top of another.



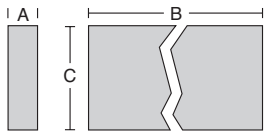
Part No.	Material	A	B	C	D	E	Impedance in OHMS	Maximum recommended cable size
SM28R0760	28	.760 19,3	.510 13,0	1.125 28,6	.330 8,4	.051 1,3	150 @ 100MHz	10 conductor, .051 X .510 1,3 X 13,0
FX28R0984-2A	28	.984 25,0	.709 18,0	.630 16,0	.333 8,5	.035 0,9	170 @ 100MHz	.030 X .700 0,76 X 17,8
SM28R1127	28	1.125 28,6	.925 23,5	1.220 31,0	.333 8,5	.066 1,7	188 @ 100MHz	18 conductor, .060 X .900 1,5 X 22,9
SM28R1127-2	28	1.125 28,6	.925 23,5	.980 24,9	.333 8,5	.066 1,7	151 @ 100MHz	18 conductor, .060 X .900 1,5 X 22,9
FX28R1261-2A	28	1.260 32,0	.988 25,1	.382 9,7	.333 8,5	.035 0,9	135 @ 100MHz	.030 X .980 0,76 X 24,9
SM28R1260	28	1.260 32,0	1.010 25,7	1.125 28,6	.330 8,4	.051 1,3	237 @ 100MHz	20 conductor, .051 X 1.01 1,3 X 25,7
FX28R1457-4A	28	1.457 37,0	1.299 33,0	.530 13,5	.207 5.3	.020 0,5	140 @ 100MHz	.018 X 1.29 0,46 X 32,8
SM28R1575	28	1.575 40,0	1.325 33,7	1.125 28,6	.330 8,4	.051 1,3	160 @ 100MHz	26 conductor, .051 X 1.30 1,3 X 33,0
SM28R1953	28	1.953 49,6	1.732 44,0	.472 12,0	.318 8,1	.059 1,5	109 @ 100MHz	34 conductor, .059 X 1.70 1,5 X 43,2



Special Purpose Shielding Bar

For situations where extremely high amounts of attenuation are needed and/or multiple passes through a traditional ferrite I.D. are not practical or sufficient. Simply wrap cable in a spiral around bar for optimum absorption.

- One individual size fits most applications
- For round or flat cables wound axially or attached longitudinally
- Attachment with cable ties
- Sandwiching cable between two bars provides up to three times the impedance of a single bar depending on frequency



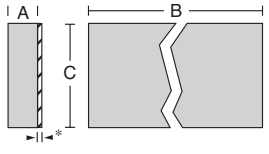
Part No.	Material	A	B	C	Impedance in OHMS	Maximum recommended cable size
SB28B5630	28	.365 9,3	5.630 143,0	1.0 25,4	one pass: 500 @ 100MHz	application specific



Special Purpose Shielding Bar With Adhesive Mount

For situations where extremely high amounts of attenuation are needed and/or multiple passes through a traditional ferrite I.D. are not practical or sufficient. Simply wrap cable in a spiral around bar for optimum absorption.

- One individual size fits most applications
- For round or flat cables wound axially or attached longitudinally
- Attachment with cable ties or adhesive pad
- Sandwiching cable between two bars provides up to three times the impedance of a single bar depending on frequency



** Adhesive pad .030 (0,76)*

Part No.	Material	A	B	C	Impedance in OHMS	Maximum recommended cable size
SB28B5630A	28	.395 10,0	5.630 143,0	1.0 25,4	one pass: 500 @ 100MHz	application specific



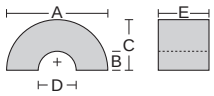
Saddle Beads®

Absorbs RFI right at the source before resonance and harmonics effects are transferred to neighboring components.

U-shaped with central opening extending directly to the outside radius for easy mounting. By simply straddling a cable or PCB component, a significant amount of magnetic coupling occurs, between 30%-40% of the impedance of our fully circumferential styles, depending on configuration.

Excellent for quick, economical applications, tight spaces, electronic enclosure cable routing, and especially direct mounting over leaded or surface mount printed circuit board components.

HALF-BEAD



+ Point of measured impedance (see impedance below)

Part No.	Material	A	B	C	D	E	TYPE	Impedance in OHMS	Maximum recommended cable size
SB28B1500	28	1.500 38,1	.500 12,7	.750 19,1	1.000 25,4	1.000 25,4	half toroid	75 @ 100MHz	1.000 25.4 dia.

Saddle Beads® With Adhesive Mount



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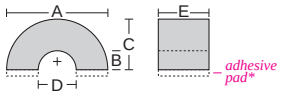
U-shaped with central opening extending directly to the outside radius for easy mounting. By simply straddling a cable or PCB component, a significant amount of magnetic coupling occurs, between 30%-40% of the impedance of our fully circumferential styles, depending on configuration.

Excellent for quick, economical applications, tight spaces, electronic enclosure cable routing, and especially direct mounting over leaded or surface mount printed circuit board components.

HALF-BEAD



** Adhesive mount base .030" (0,7mm) thick*
+ Point of measured impedance (see impedance below)

Part No.	Material	A	B	C	D	E	F	TYPE	Impedance in OHMS	Maximum recommended cable size
SB28B1500AB	28	1.500 38,1	.500 12,7	.780 19,8	1.000 25,4	1.000 25,4		half toroid	75 @ 100MHz	1.000 25.4 dia.

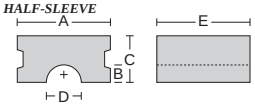
Saddle Beads®



Absorbs RFI right at the source before resonance and harmonics effects are transferred to neighboring components.

Rectangular sleeve shape with central opening extending outward to easily straddle a cable or PCB component, introducing a significant amount of magnetic coupling and impedance. Between 30% to 40% of the impedance of our fully enclosed styles, depending on configuration.

HALF-SLEEVE



+ Point of measured impedance (see impedance below)

Part No.	Material	A	B	C	D	E	TYPE	Impedance in OHMS	Maximum recommended cable size
SB28B2031	28	.536 13,6	.125 3,2	.270 6,9	.250 6,4	1.100 27,9	half sleeve	45 @ 100MHz	application specific
SB28B0010	28	.325 8,3	.062 1,6	.163 4,1	.125 3,2	.600 15,2	half sleeve	20 @ 100MHz	application specific

Saddle Beads® With Top Adhesive Mount

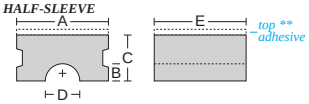


Absorbs RFI right at the source before resonance and harmonics effects are transferred to neighboring components.

Rectangular sleeve shape with central opening extending outward to easily straddle a cable or PCB component, introducing a significant amount of magnetic coupling and impedance. Between 30% to 40% of the impedance of our fully enclosed styles, depending on configuration.

When affixed with thermally conductive adhesive to flat components, such as semiconductors, heat sink thermal dissipation occurs, increasing component efficiency. Attaches to any surface with optional adhesive foam base or common electronic adhesives.

HALF-SLEEVE



***Top mount base .030" (0,7mm)*
+ Point of measured impedance (see impedance below)

Part No.	Material	A	B	C	D	E	TYPE	Impedance in OHMS	Maximum recommended cable size
SB28B2031AT	28	.536 13,6	.125 3,2	.300 7,6	.250 6,4	1.100 27,9	half sleeve	45 @ 100MHz	application specific
SB28B0010AT	28	.325 8,3	.062 1,6	.193 4,9	.125 3,2	.600 15,2	half sleeve	20 @ 100MHz	application specific

Saddle Beads® With Bottom Adhesive Mount

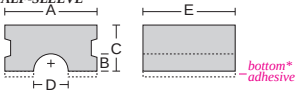


Absorbs RFI right at the source before resonance and harmonics effects are transferred to neighboring components.

Rectangular sleeve shape with central opening extending outward to easily straddle a cable or PCB component, introducing a significant amount of magnetic coupling and impedance. Between 30% to 40% of the impedance of our fully enclosed styles, depending on configuration.

When affixed with thermally conductive adhesive to flat components, such as semiconductors, heat sink thermal dissipation occurs, increasing component efficiency. Attaches to any surface with optional adhesive foam base or common electronic adhesives.

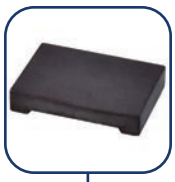
HALF-SLEEVE



** Bottom mount base .030" (0,7mm)*
+ Point of measured impedance (see impedance below)

Part No.	Material	A	B	C	D	E	TYPE	Impedance in OHMS	Maximum recommended cable size
SB28B2031AB	28	.536 13,6	.125 3,2	.300 7,6	.250 6,4	1.100 27,9	half sleeve	45 @ 100MHz	application specific
SB28B0010AB	28	.325 8,3	.062 1,6	.193 4,9	.125 3,2	.600 15,2	half sleeve	20 @ 100MHz	application specific

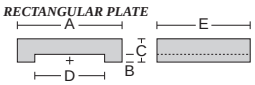
28 10MHz-1GHz (250MHz peak) | 33 1MHz-60MHz (30MHz peak) | 25 1MHz-1.2GHz (700MHz peak) | 20 2.45GHz peak



Saddle Beads®

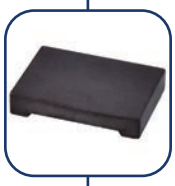
Absorbs RFI right at the source before resonance and harmonics effects are transferred to neighboring components.

Rectangular sleeves or plate shapes with central opening extending outward to easily straddle a cable or PCB component, introducing a significant amount of magnetic coupling and impedance. Between 30% to 40% of the impedance of our fully enclosed styles, depending on configuration.



+ Point of measured impedance (see impedance below)

Part No.	Material	A	B	C	D	E	TYPE	Impedance in OHMS	Maximum recommended cable size
SB28B0071	28	.710 18,0	.030 0,8	.130 3,3	.510 13,0	.500 12,7	rectangular plate	23 @ 100MHz	application specific
SB28B0121	28	1.210 30,7	.030 0,8	.130 3,3	1.010 25,7	.500 12,7	rectangular plate	35 @ 100MHz	application specific

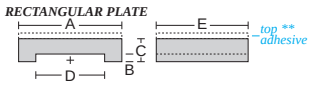


Saddle Beads® With Top Adhesive Mount

Absorbs RFI right at the source before resonance and harmonics effects are transferred to neighboring components.

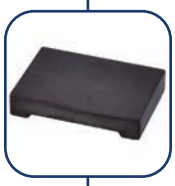
Rectangular plate shape with central opening extending outward to easily straddle a cable or PCB component, introducing a significant amount of magnetic coupling and impedance. Between 30% to 40% of the impedance of our fully enclosed styles, depending on configuration.

When affixed with thermally conductive adhesive to flat components, such as semiconductors, heat sink thermal dissipation occurs, increasing component efficiency. Attaches to any surface with optional adhesive foam base or common electronic adhesives.



***Top mount base .030" (0,7mm)*
+ Point of measured impedance (see impedance below)

Part No.	Material	A	B	C	D	E	TYPE	Impedance in OHMS	Maximum recommended cable size
SB28B0071AT	28	.710 18,0	.030 0,8	.160 4,0	.510 13,0	.500 12,7	rectangular plate	23 @ 100MHz	application specific
SB28B0121AT	28	1.210 30,7	.030 0,8	.160 4,0	1.010 25,7	.500 12,7	rectangular plate	35 @ 100MHz	application specific

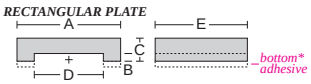


Saddle Beads® With Bottom Adhesive Mount

Absorbs RFI right at the source before resonance and harmonics effects are transferred to neighboring components.

Rectangular plate shape with central opening extending outward to easily straddle a cable or PCB component, introducing a significant amount of magnetic coupling and impedance. Between 30% to 40% of the impedance of our fully enclosed styles, depending on configuration.

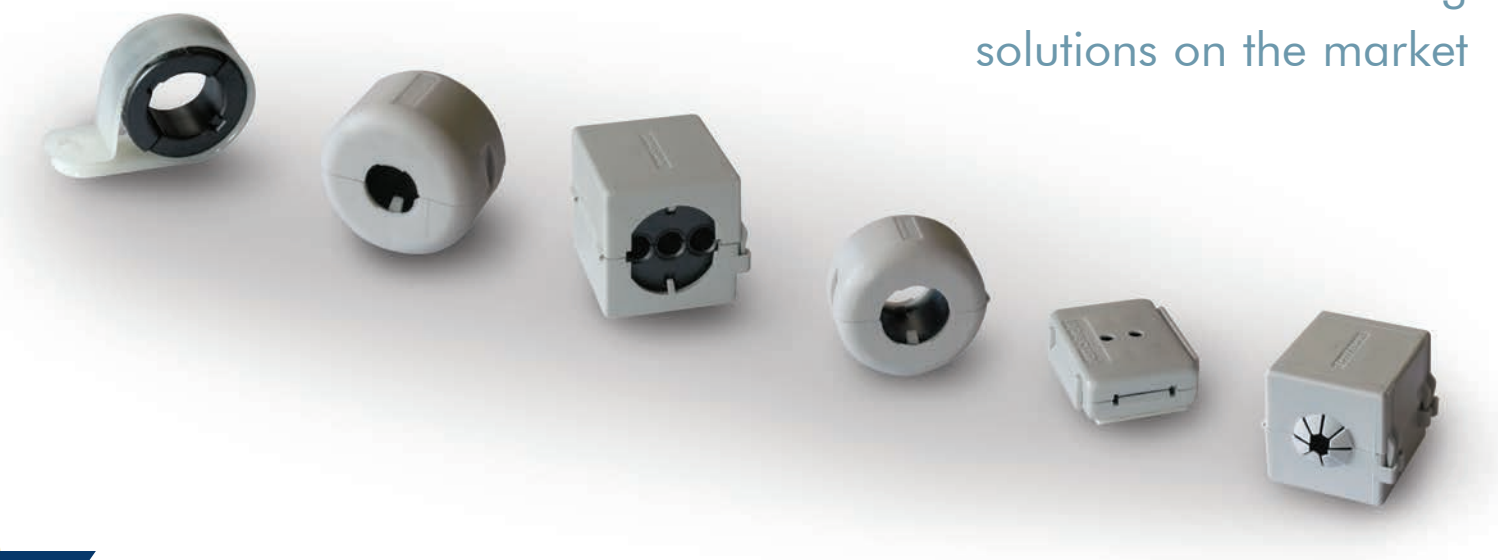
When affixed with thermally conductive adhesive to flat components, such as semiconductors, heat sink thermal dissipation occurs, increasing component efficiency. Attaches to any surface with optional adhesive foam base or common electronic adhesives.



** Bottom mount base .030" (0,7mm)*
+ Point of measured impedance (see impedance below)

Part No.	Material	A	B	C	D	E	TYPE	Impedance in OHMS	Maximum recommended cable size
SB28B0071AB	28	.710 18,0	.030 0,8	.160 4,0	.510 13,0	.500 12,7	rectangular plate	23 @ 100MHz	application specific
SB28B0121AB	28	1.210 30,7	.030 0,8	.160 4,0	1.010 25,7	.500 12,7	rectangular plate	35 @ 100MHz	application specific

Simply one of the most flexible and cost-effective cable shielding solutions on the market





CIRCUIT BOARD SHIELDING

- Tech Clip
- Surface Mount Shields
- Standard CBS
- Modified CBS
- Custom Shielding
- Slot-Lok Shields
- One Piece Shield



CONDUCTIVE ELASTOMERS

- Sheet Material
- Extrusions
- Molded
- Diecut
- Bonded O-Rings



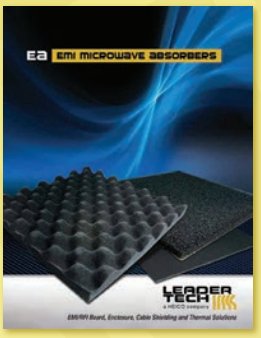
ENCLOSURE SHIELDING

- TechVENT EMI/RFI Vent Panels
- Copper Foil Tape
- Surface Mount Gaskets and Grounding Pads
- Mesh Washers
- Fabric Shielding Gaskets
- Beryllium Copper Fingerstock
- Conductive Foam Shielding
- TechSIL Oriented Wire
- TechMESH Knitted Wire
- TechMESH Tapes
- Standard and Custom Connector Gaskets



THERMAL

- Thermal Gap Filler
- Insulators
- Tape
- Graphite
- Phase Change
- Grease



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Leader Tech is a world-leading innovator and US-based manufacturer of EMI shielding products for circuit boards, enclosures and cables. In addition to our best selling standard, modified standard and custom CBS shields, Leader Tech offers an expansive line of beryllium copper fingerstock gaskets, conductive elastomers, advanced RF absorber materials, EMI/RFI ferrites and a wide variety of materials for excellent thermal solutions.

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28 10MHz-1GHz (250MHz peak) 33 1MHz-60MHz (30MHz peak) 25 1MHz-1.2GHz (700MHz peak) 20 2.45GHz peak

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