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Cable Shielding and Thermal Solutions.*



## FERRITES

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

- World's Largest In-Stock Selection
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- Flexible Mounting Options

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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 ( $\mu_i$ ). This property expresses the ratio of the magnitude of magnetic induction to magnetizing force. The materials are normally categorized according to initial permeability ( $\mu_i$ ).

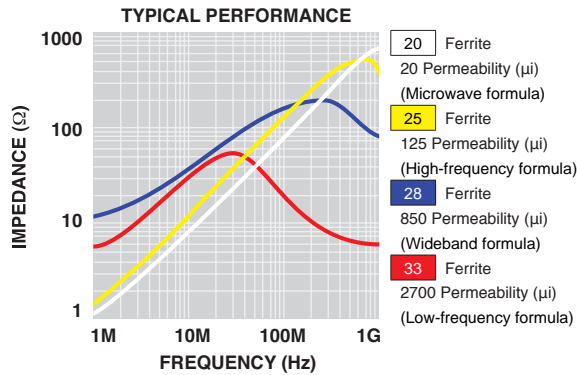


fig.1 Typical attenuation profiles

## 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 | Material                         | 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              |

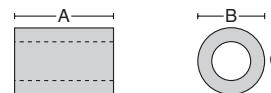
## Helpful Tips and Insider Hints

- 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.

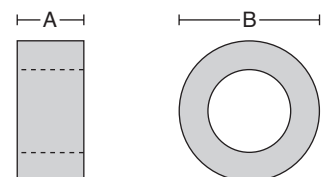


| Part No.  | Material | A     |      | B     |      | C     |      | Impedance in OHMS | Maximum recommended cable size |
|-----------|----------|-------|------|-------|------|-------|------|-------------------|--------------------------------|
| 20B0562-2 | 20       | 1.125 | 28,6 | .562  | 14,3 | .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.                 |

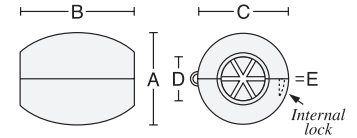


## Jelly Bean Snap

### 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.



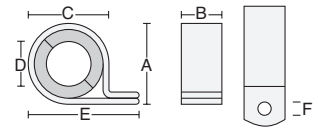
Patent Nos. 5,003,278 , 5,162,772 and 5,764,125

| 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.



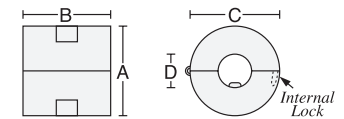
| Part No.   | Material | A     | B    | C     | D    | E     | F    | Color | Impedance in OHMS | Maximum recommended cable size |      |      |     |       |              |       |      |      |
|------------|----------|-------|------|-------|------|-------|------|-------|-------------------|--------------------------------|------|------|-----|-------|--------------|-------|------|------|
| 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

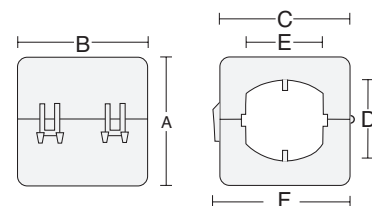
For use with USB I/O USB 2.0 Electrical Test Specification, sections 7.0 and 8.0

| 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.

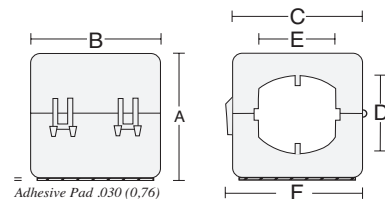


| Part No.   | Material | A     | B    | C     | D    | E     | F    | Color | Impedance in OHMS | Maximum recommended cable size |      |       |      |       |              |                |
|------------|----------|-------|------|-------|------|-------|------|-------|-------------------|--------------------------------|------|-------|------|-------|--------------|----------------|
| 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. |



## 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  $N^2$ , 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.

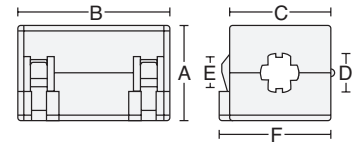


| Part No.     | Material Description | A     | B    | C     | D    | E     | Color | Impedance in OHMS   | Maximum recommended cable size  |
|--------------|----------------------|-------|------|-------|------|-------|-------|---------------------|---|
| SS28B2035-2  | 28 2-hole            | 1.155 | 29,3 | 1.250 | 31,8 | 1.125 | 28,6  | .335 8,5 1.230 31,2 | Grey 1N=270 @ 100MHz 3N=3 <sup>2</sup> =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=3 <sup>2</sup> =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 8,8 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 8,8 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. |





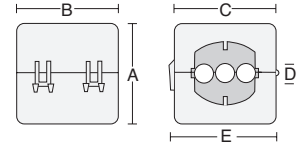
## Multi-turn Sleeve Snap

### WITH SERPENTINE CABLE THREADING CAPABILITY.

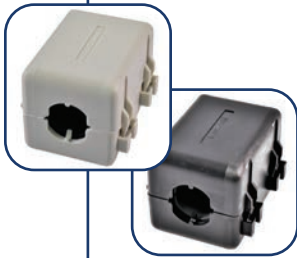
By increasing the number of times the circuit passes through the ferrite core, the effective magnetic path is lengthened, yielding a significant increase in impedance. The gain is equal to  $N^2$ , the square of the number of turns, and depending on the circuit cable load and frequencies involved, much 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.

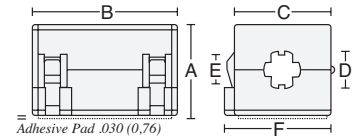


| Part No.     | Material | Description | A     | B    | C     | D    | E     | Color | Impedance in OHMS | Maximum recommended cable size |       |      |       |                 |   |                    |     |      |
|--------------|----------|-------------|-------|------|-------|------|-------|-------|-------------------|--------------------------------|-------|------|-------|-----------------|---|--------------------|-----|------|
| 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

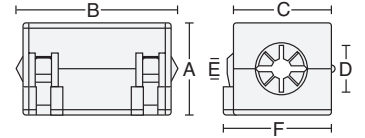
| Part No.   | Material | A     | B    | C     | D    | E     | F    | Color | Impedance in OHMS | Maximum recommended cable size |      |       |      |       |              |      |      |      |
|------------|----------|-------|------|-------|------|-------|------|-------|-------------------|--------------------------------|------|-------|------|-------|--------------|------|------|------|
| 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                           | 8,8  | 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                           | 8,8  | 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. |



## 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

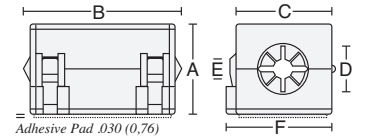
| Part No.   | Material | A     | B    | C     | D    | E     | F    | Color | Impedance in OHMS | Maximum recommended cable size |     |       |      |       |              |      |      |    |      |      |      |
|------------|----------|-------|------|-------|------|-------|------|-------|-------------------|--------------------------------|-----|-------|------|-------|--------------|------|------|----|------|------|------|
| 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

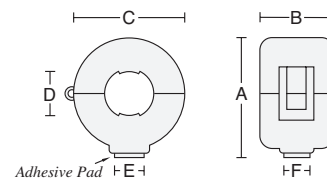
| Part No.   | Material | A     | B    | C     | D    | E     | F    | Color | Impedance in OHMS | Maximum recommended cable size |     |       |      |       |              |      |      |    |      |      |      |
|------------|----------|-------|------|-------|------|-------|------|-------|-------------------|--------------------------------|-----|-------|------|-------|--------------|------|------|----|------|------|------|
| 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      | 0                              | 0 | 0 | .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      | 0                              | 0 | 0 | .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      | 0                              | 0 | 0 | 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      | 0                              | 0 | 0 | 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.



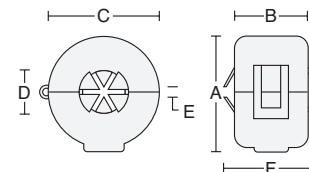
| Part No.   | Material | A     |      | B    |      | C     |      | D    |      | Color | Impedance in OHMS | Maximum recommended cable size |      |      |
|------------|----------|-------|------|------|------|-------|------|------|------|-------|-------------------|--------------------------------|------|------|
| 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.



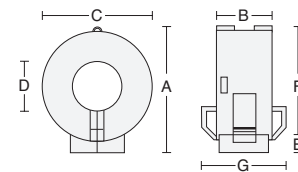
Patent No. 5,003,278

| 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.



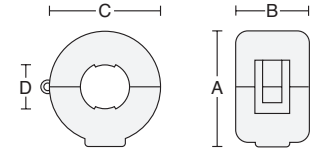
| Part No.   | Material | A     |      | B    |      | C     |      | D    |      | E    |     | F     |      | G     |      | Color | Impedance in OHMS | Maximum recommended cable size |   |      |      |      |
|------------|----------|-------|------|------|------|-------|------|------|------|------|-----|-------|------|-------|------|-------|-------------------|--------------------------------|---|------|------|------|
| 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      | 0                              | 0 | .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      | 0                              | 0 | .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       | 0                              | 0 | .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       | 0                              | 0 | .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      | 0                              | 0 | .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      | 0                              | 0 | .400 | 10,2 | dia. |



## 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.



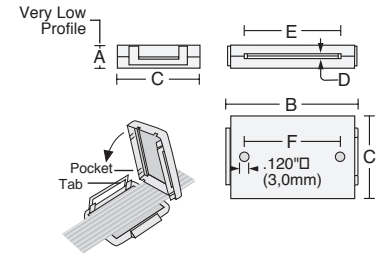
| Part No.   | Material | A     | B     | C     | D    | Color | Impedance in OHMS | Maximum recommended cable size |      |       |              |                 |
|------------|----------|-------|-------|-------|------|-------|-------------------|--------------------------------|------|-------|--------------|-----------------|
| 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.

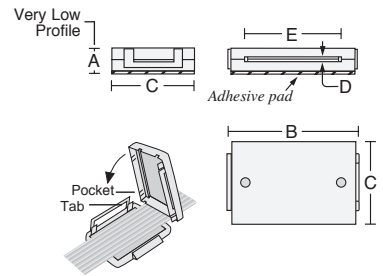
| Part No.   | Material | A    | B   | C     | D    | E     | F    | Color | Impedance in OHMS | Maximum recommended cable size |      |       |      |       |              |                                      |
|------------|----------|------|-----|-------|------|-------|------|-------|-------------------|--------------------------------|------|-------|------|-------|--------------|--------------------------------------|
| 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     | F    | 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 | .250  | 6,4  | 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 | .250  | 6,4  | 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 | .950  | 24,1 | 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 | .950  | 24,1 | 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 | 1.750 | 44,5 | 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 | 1.750 | 44,5 | Black | 154 @ 100MHz | 40 conductor, .038 X 2.00 1,0 X 50,8 |

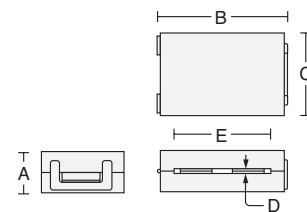


## Flat Cable Clamp

### 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.



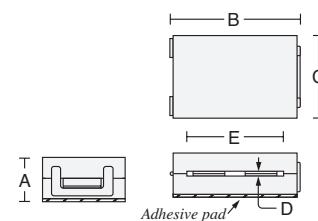
| Part No.   | Material | A    | B    | C    | D     | E     | Color | Impedance in OHMS | Maximum recommended cable size |       |              |                                      |
|------------|----------|------|------|------|-------|-------|-------|-------------------|--------------------------------|-------|--------------|--------------------------------------|
| 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.



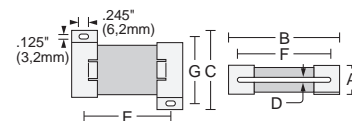
| Part No.   | Material | A    | B    | C    | D     | E     | Color | Impedance in OHMS | Maximum recommended cable size |       |              |                                      |
|------------|----------|------|------|------|-------|-------|-------|-------------------|--------------------------------|-------|--------------|--------------------------------------|
| 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.



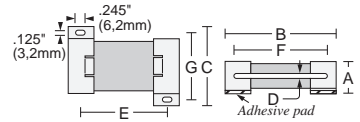
| Part No.   | Material | A    | B    | C     | D     | E     | F    | G    | Color                                | Impedance in OHMS | Maximum recommended cable size |                                      |                                      |
|------------|----------|------|------|-------|-------|-------|------|------|--------------------------------------|-------------------|--------------------------------|--------------------------------------|--------------------------------------|
| 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 |                                      |



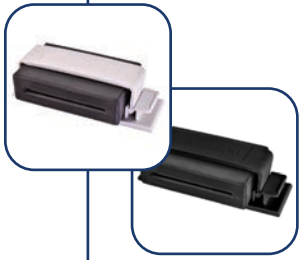
## Flat Cable Clamp With Adhesive Mount

### 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.

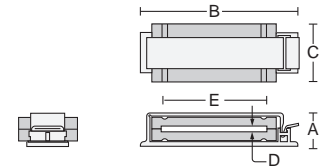


| Part No.   | Material | A    | B    | C     | D     | E     | F    | G    | Color | Impedance in OHMS | Maximum recommended cable size |       |      |       |      |       |              |                           |            |
|------------|----------|------|------|-------|-------|-------|------|------|-------|-------------------|--------------------------------|-------|------|-------|------|-------|--------------|---------------------------|------------|
| 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  |

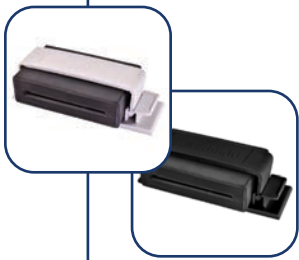


## Flat Cable Clamp

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

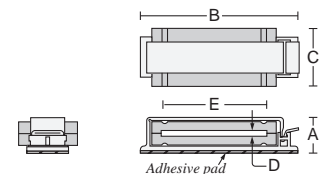


| Part No.   | Material | A    | B    | C     | D    | E     | Color | Impedance in OHMS | Maximum recommended cable size |       |      |       |              |                           |            |
|------------|----------|------|------|-------|------|-------|-------|-------------------|--------------------------------|-------|------|-------|--------------|---------------------------|------------|
| 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 |

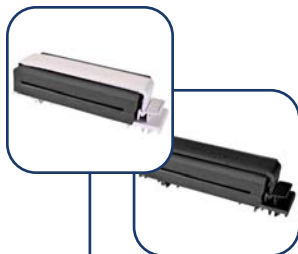


## Flat Cable Clamp With Adhesive Mount

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.



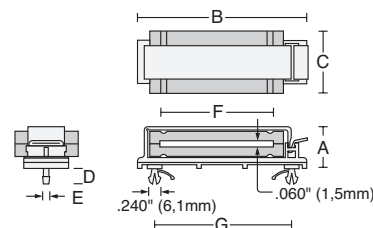
| Part No.   | Material | A    | B    | C     | D    | E     | Color | Impedance in OHMS | Maximum recommended cable size |       |      |       |              |                           |            |
|------------|----------|------|------|-------|------|-------|-------|-------------------|--------------------------------|-------|------|-------|--------------|---------------------------|------------|
| 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 |



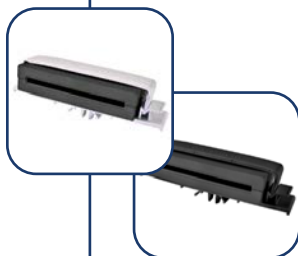
## Flat Cable Clamp

### 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.



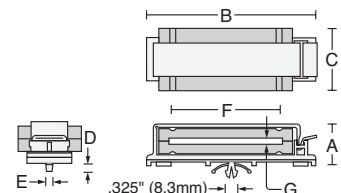
| Part No.   | Material | A    | B    | C     | D    | E     | F    | G    | Color | Impedance in OHMS | Maximum recommended cable size |       |      |       |      |       |              |                                      |
|------------|----------|------|------|-------|------|-------|------|------|-------|-------------------|--------------------------------|-------|------|-------|------|-------|--------------|--------------------------------------|
| 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.

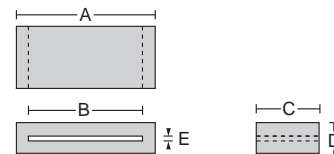


| Part No.   | Material | A    | B    | C     | D    | E     | F    | G    | Color | Impedance in OHMS | Maximum recommended cable size |       |      |      |     |       |              |                                      |
|------------|----------|------|------|-------|------|-------|------|------|-------|-------------------|--------------------------------|-------|------|------|-----|-------|--------------|--------------------------------------|
| 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.

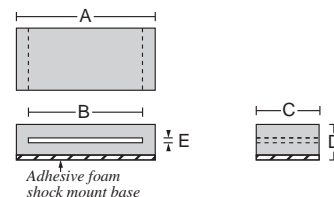


| Part No.  | Material | A     | B    | C     | D    | E     | Impedance in OHMS | Maximum recommended cable size |      |      |      |              |                                      |
|-----------|----------|-------|------|-------|------|-------|-------------------|--------------------------------|------|------|------|--------------|--------------------------------------|
| 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.

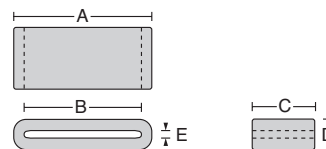


| Part No.    | Material | A     | B    | C     | D    | E     | Impedance in OHMS | Maximum recommended cable size |      |      |      |              |                                      |
|-------------|----------|-------|------|-------|------|-------|-------------------|--------------------------------|------|------|------|--------------|--------------------------------------|
| 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 |



## 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 | 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.



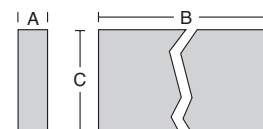
| Part No.     | Material | A     | B    | C     | D    | E     | Impedance in OHMS      | Maximum recommended cable size                    |
|--------------|----------|-------|------|-------|------|-------|------------------------|---|
| SM28R0760    | 28       | .760  | 19,3 | .510  | 13,0 | 1.125 | 28,6 .300 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 | 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.

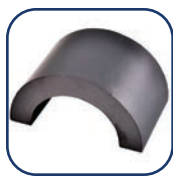
- One individual size fits most applications
- For round or flat cables wound axially or attached longitudinally
- Attachment with cable ties or adhesive pad
- Sandwiching cable between two bars provides up to three times the impedance of a single bar depending on frequency



\* 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 |





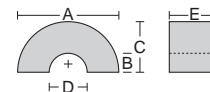
### Saddle Beads®

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. |

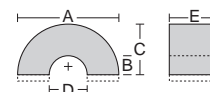
### Saddle Beads® With Adhesive Mount

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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. |

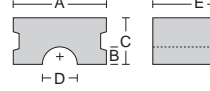


### Saddle Beads®

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 |

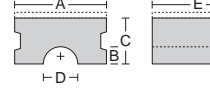
### Saddle Beads® With Top Adhesive Mount

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 |

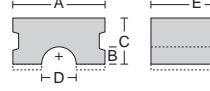
### Saddle Beads® With Bottom Adhesive Mount

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)

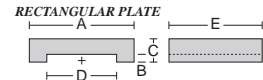
| Part No.    | Material | A    | B    | C    | D   | E    | TYPE | Impedance in OHMS | Maximum recommended cable size |       |      |             |             |                      |
|-------------|----------|------|------|------|-----|------|------|-------------------|--------------------------------|-------|------|-------------|-------------|----------------------|
| 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 |



## 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)

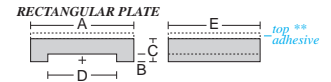
| Part No.  | Material | A     | B    | C    | D   | E    | TYPE | Impedance in OHMS | Maximum recommended cable size |      |      |                   |             |                      |
|-----------|----------|-------|------|------|-----|------|------|-------------------|--------------------------------|------|------|-------------------|-------------|----------------------|
| 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)

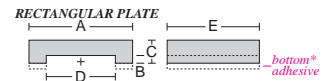
| Part No.    | Material | A     | B    | C    | D   | E    | TYPE | Impedance in OHMS | Maximum recommended cable size |      |      |                   |             |                      |
|-------------|----------|-------|------|------|-----|------|------|-------------------|--------------------------------|------|------|-------------------|-------------|----------------------|
| 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



## MICROWAVE ABSORBERS

### Narrowband

- Tuned
- Cavity Resonance

### Wideband

- Low Profile
- Lossy Foam
- Reticulated Foam
- Pyramidal Foam

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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