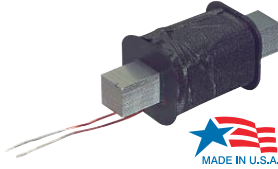


# Speaker Building

## Crossover Components

### 18 Gauge Laminated "I" Core Inductors

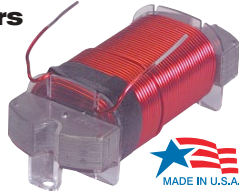
High grade laminated "I" core inductors are a perfect lower cost alternative for providing large inductance values with low DC resistance and efficient power transfer. Wound with 18 gauge wire to  $\pm 5\%$  tolerance, these "I" core inductors will easily handle 250 watts of power. All inductors utilize a 1-1/4" square by 1-3/4" bobbin on a 1/2" square by 3" laminated iron core. Made in the USA.



| Part #  | Inductance | DCR (ohms) | Price (1-9) | Price (10-UP) |
|---------|------------|------------|-------------|---------------|
| 266-550 | 1.0 mH     | .17        | \$6.73      | \$5.78        |
| 266-552 | 1.5 mH     | .22        | 7.35        | 6.32          |
| 266-554 | 2.0 mH     | .26        | 7.97        | 6.86          |
| 266-556 | 2.5 mH     | .29        | 8.31        | 7.14          |
| 266-558 | 3.0 mH     | .33        | 9.62        | 8.28          |
| 266-560 | 3.5 mH     | .36        | 8.35        | 7.18          |
| 266-562 | 4.0 mH     | .39        | 9.24        | 7.94          |
| 266-564 | 4.5 mH     | .41        | 9.63        | 8.28          |
| 266-566 | 4.7 mH     | .43        | 11.16       | 9.60          |
| 266-568 | 5.0 mH     | .45        | 10.47       | 9.00          |
| 266-570 | 5.5 mH     | .47        | 11.96       | 10.28         |
| 266-572 | 6.0 mH     | .51        | 11.73       | 10.08         |
| 266-574 | 7.0 mH     | .53        | 11.98       | 10.30         |
| 266-576 | 8.0 mH     | .54        | 11.74       | 10.10         |
| 266-578 | 9.0 mH     | .56        | 12.54       | 10.78         |
| 266-580 | 10.0 mH    | .58        | 12.47       | 10.72         |

### 16 Gauge Super Q Inductors

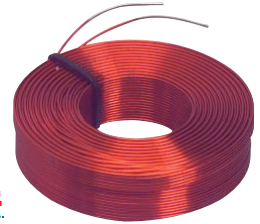
Finally, a sonically superior magnetic core coil! The Super Q line features a specially shaped core that allows for optimal magnetic performance and increases the coil's effective permeability. The result is extremely low DC resistance, reduced distortion and very high saturation levels. The core is encapsulated in a plastic housing, which eliminates any magnetostriction distortion and makes mounting a breeze. The 500 watt power rating makes these coils perfect for high power pro sound applications. All coils measure 4-1/2" L x 1-5/8" H and are made in the USA.



| Part #  | Inductance | DCR (ohms) | Price (1-9) | Price (10-UP) |
|---------|------------|------------|-------------|---------------|
| 266-900 | 1.50 mH    | .126       | \$17.14     | \$15.68       |
| 266-902 | 1.80 mH    | .137       | 17.11       | 15.61         |
| 266-904 | 2.00 mH    | .143       | 17.59       | 16.08         |
| 266-906 | 2.20 mH    | .154       | 17.37       | 15.88         |
| 266-908 | 2.50 mH    | .162       | 17.64       | 16.15         |
| 266-910 | 2.70 mH    | .163       | 16.71       | 15.81         |
| 266-912 | 3.00 mH    | .178       | 18.71       | 17.07         |
| 266-914 | 3.30 mH    | .187       | 18.22       | 16.58         |
| 266-916 | 3.50 mH    | .200       | 18.66       | 17.06         |
| 266-918 | 3.60 mH    | .206       | 16.95       | 15.46         |
| 266-920 | 3.90 mH    | .215       | 19.56       | 17.93         |
| 266-922 | 4.00 mH    | .220       | 19.14       | 17.52         |
| 266-924 | 4.70 mH    | .231       | 16.78       | 15.10         |
| 266-926 | 5.00 mH    | .246       | 19.33       | 17.35         |
| 266-928 | 5.60 mH    | .261       | 18.54       | 17.00         |
| 266-930 | 6.00 mH    | .273       | 19.74       | 18.14         |
| 266-932 | 6.20 mH    | .279       | 23.87       | 21.83         |
| 266-934 | 6.50 mH    | .286       | 22.57       | 20.66         |
| 266-936 | 6.80 mH    | .289       | 20.51       | 18.85         |
| 266-938 | 7.00 mH    | .297       | 21.55       | 19.65         |
| 266-940 | 7.50 mH    | .304       | 19.74       | 17.90         |
| 266-942 | 8.50 mH    | .330       | 21.12       | 19.25         |
| 266-944 | 9.00 mH    | .346       | 21.52       | 20.08         |
| 266-946 | 10.00 mH   | .364       | 21.98       | 20.52         |
| 266-948 | 12.00 mH   | .410       | 22.38       | 20.61         |
| 266-950 | 13.00 mH   | .431       | 23.49       | 21.44         |
| 266-952 | 14.00 mH   | .459       | 25.21       | 23.00         |
| 266-954 | 15.00 mH   | .476       | 23.99       | 21.85         |
| 266-956 | 17.00 mH   | .515       | 28.23       | 25.71         |
| 266-958 | 18.00 mH   | .534       | 26.12       | 23.76         |
| 266-960 | 20.00 mH   | .558       | 27.15       | 24.89         |

### 18 Gauge Perfect Layer Wound Air Core Inductors

Perfect layer wound, oxygen-free air core inductors are precision wound with 18 gauge wire to a  $\pm 2\%$  tolerance. They offer reasonably low DC resistance, 300 watt power handling capability, and no saturation, hysteresis or magnetostriction distortion. Made in the USA.



| Part #  | Inductance | DCR (ohms) | Diameter | Price (1-9) | Price (10-UP) |
|---------|------------|------------|----------|-------------|---------------|
| 266-798 | .05 mH     | .07        | 1-1/2"   | \$3.58      | \$3.08        |
| 266-800 | .10 mH     | .12        | 1-1/2"   | 4.03        | 3.46          |
| 266-802 | .13 mH     | .15        | 1-1/2"   | 3.35        | 2.91          |
| 266-804 | .15 mH     | .16        | 1-1/2"   | 4.43        | 3.80          |
| 266-806 | .20 mH     | .18        | 1-1/2"   | 4.54        | 3.91          |
| 266-808 | .22 mH     | .19        | 1-3/4"   | 4.75        | 4.08          |
| 266-810 | .27 mH     | .22        | 1-3/4"   | 4.68        | 4.02          |
| 266-812 | .33 mH     | .26        | 1-3/4"   | 5.07        | 4.36          |
| 266-814 | .40 mH     | .28        | 1-3/4"   | 5.79        | 4.98          |
| 266-816 | .50 mH     | .32        | 1-3/4"   | 6.82        | 5.86          |
| 266-818 | .60 mH     | .36        | 2-1/4"   | 6.19        | 5.32          |
| 266-820 | .70 mH     | .39        | 2-1/4"   | 9.13        | 7.84          |
| 266-822 | .80 mH     | .42        | 2-1/4"   | 9.77        | 8.40          |
| 266-824 | .90 mH     | .44        | 2-1/4"   | 8.21        | 7.06          |
| 266-826 | 1.00 mH    | .47        | 2-1/4"   | 10.49       | 9.02          |
| 266-828 | 1.10 mH    | .50        | 2-1/4"   | 9.12        | 7.84          |
| 266-830 | 1.30 mH    | .57        | 2-1/4"   | 9.37        | 8.06          |
| 266-832 | 1.50 mH    | .60        | 2-1/4"   | 10.81       | 9.30          |
| 266-834 | 2.00 mH    | .70        | 2-1/2"   | 13.56       | 11.66         |
| 266-836 | 2.50 mH    | .84        | 2-1/2"   | 15.27       | 13.12         |
| 266-838 | 3.00 mH    | .93        | 2-1/2"   | 14.40       | 12.38         |
| 266-840 | 3.50 mH    | 1.01       | 3"       | 17.51       | 15.06         |
| 266-842 | 4.00 mH    | 1.09       | 3"       | 18.66       | 16.04         |
| 266-844 | 4.50 mH    | 1.18       | 3"       | 16.65       | 14.32         |
| 266-846 | 5.00 mH    | 1.27       | 3"       | 19.40       | 16.68         |
| 266-848 | 5.50 mH    | 1.35       | 3"       | 23.88       | 21.85         |
| 266-850 | 6.00 mH    | 1.41       | 3"       | 17.01       | 15.60         |
| 266-852 | 7.00 mH    | 1.51       | 3-1/2"   | 19.06       | 17.43         |
| 266-854 | 8.00 mH    | 1.60       | 3-1/2"   | 23.96       | 21.83         |
| 266-856 | 9.00 mH    | 1.74       | 3-1/2"   | 25.63       | 23.50         |
| 266-858 | 10.00 mH   | 1.84       | 3-1/2"   | 24.88       | 22.80         |
| 266-860 | 11.00 mH   | 1.98       | 3-1/2"   | 29.11       | 26.43         |
| 266-862 | 12.00 mH   | 2.11       | 3-1/2"   | 30.61       | 28.77         |
| 266-864 | 15.00 mH   | 2.40       | 3-1/2"   | 33.88       | 30.68         |

### 14 Gauge Perfect Layer Wound Air Core Inductors

Perfect layer wound, oxygen-free air core inductors are precision wound with 14 gauge wire to a  $\pm 1\%$  tolerance. ERSE rigorously designed these inductors to provide the highest inductance vs. winding length to ensure as low of a DCR as possible. 800 watt power handling capability with no saturation, hysteresis, or magnetostriction distortion. Made in the USA.



| Part #  | Inductance | DCR (ohms) | Diameter | Price (1-9) | Price (10-UP) |
|---------|------------|------------|----------|-------------|---------------|
| 266-300 | .15 mH     | .07        | 2-1/8"   | \$8.40      | \$7.67        |
| 266-305 | .20 mH     | .08        | 2-1/4"   | 8.41        | 7.71          |
| 266-310 | .24 mH     | .09        | 2-3/8"   | 10.14       | 9.25          |
| 266-313 | .27 mH     | .09        | 2-3/8"   | 11.63       | 10.71         |
| 266-315 | .30 mH     | .10        | 2-7/16"  | 11.00       | 10.05         |
| 266-317 | .33 mH     | .10        | 2-7/16"  | 9.74        | 8.88          |
| 266-320 | .40 mH     | .12        | 2-1/2"   | 10.60       | 9.75          |
| 266-325 | .51 mH     | .14        | 2-5/8"   | 13.50       | 12.35         |
| 266-330 | .60 mH     | .15        | 2-3/4"   | 14.48       | 13.21         |
| 266-335 | .70 mH     | .18        | 2-13/16" | 16.99       | 15.49         |
| 266-340 | .80 mH     | .19        | 2-13/16" | 16.77       | 15.31         |
| 266-345 | .90 mH     | .20        | 2-15/16" | 19.48       | 17.99         |
| 266-350 | 1.00 mH    | .21        | 3"       | 18.46       | 16.85         |
| 266-355 | 1.20 mH    | .24        | 3-1/8"   | 19.74       | 18.01         |
| 266-360 | 1.50 mH    | .28        | 3-3/16"  | 20.88       | 19.15         |
| 266-365 | 1.80 mH    | .30        | 3-1/4"   | 25.10       | 22.96         |
| 266-370 | 2.00 mH    | .31        | 3-3/8"   | 26.57       | 24.22         |
| 266-375 | 2.20 mH    | .33        | 3-9/16"  | 28.80       | 26.36         |
| 266-380 | 2.50 mH    | .36        | 3-11/16" | 27.18       | 24.80         |