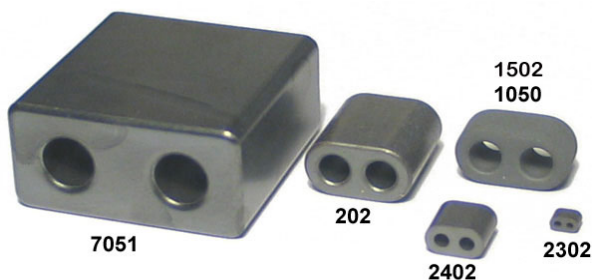


## MAGNETIC MATERIALS

A range of popular toroidal rings from Micrometals, Fair-rite, Amidon, & Neosid, in various sizes & mixes suitable for baluns, mixers, filters, & wideband transformers etc. BN73-202, are suitable for Beverage Antenna Baluns. FT114-43 are suitable for low power 1:1, 4:1, & 9:1 Beverage Antenna Baluns. FT140-61 are suitable for 200W average, ( 400W PeP ) 1:1 & 4:1 Baluns. 43 & 77 Material is recommended for suppression of noise. The FT240-77 is suitable for wrapping a mains cable through for suppressing switchmode powersupply noise. **BLUE =NEW STOCK OR PRICE CHANGE**

### FERRITE BALUN CORES



Order No	Description	Each	10+pcs
BN29-1050	Balun 2 Hole Neosid F29 wideband transformers VHF/UHF Neosid 42-002-35 u= 12	\$1.25	\$11.25
BN43-202	<b>Balun Core 2 Hole wideband transformers up to 50MHz.</b>	\$1.60	\$14.40
BN43-1502	Balun Core 2 Hole wideband transformers up to 50MHz.	\$0.95	\$8.55
BN43-2302	<b>Balun Core 2 Hole wideband transformers up to 50MHz.</b>	\$1.20	\$10.80
BN43-2402	Balun Core 2 Hole wideband Transformers up to 50MHz.	\$1.16	\$10.44
BN43-7051	<b>Balun Core 2 Hole wideband transformers up to 50MHz.</b>	\$5.50	-
BN61-002	Balun Core 2 Hole wideband transformers up to 200MHz.	\$9.20	-
BN61-202	<b>Balun Core 2 Hole wideband transformers up to 200MHz.</b>	\$1.45	\$13.05
BN61-2302	Balun Core 2 Hole wideband transformers up to 200MHz.	\$1.20	\$10.80
BN61-2402	<b>Balun Core 2 Hole wideband transformers up to 200MHz.</b>	\$0.65	\$5.85
BN61-6802	Balun Core 2 Hole wideband transformers up to 200MHz.	\$4.05	-
BN7-1050	<b>Balun 2 Hole M7 ( u=160 ) Similar to 61 material, wideband transformers VHF/UHF TV 6mm long 40-200MHz 0.5dB</b>	\$0.65	\$5.85
BN73-202	Balun Core 2 Hole wideband transformers up to 30MHz.	\$1.80	\$16.20

Order No	Description	Each	10+pcs
BN73-2402	<b>Balun Core 2 Hole wideband transformers up to 30MHz.</b>	\$1.35	\$12.15
BN73-2302	Balun Core 2 Hole wideband transformers up to 30MHz.	\$1.35	\$12.15

### FERRITE CORES



Order No	Description	Each	10+pcs
FT23-43	od= 5.84mm, wideband transformers up to 50MHz.	\$0.36	\$3.24
FT37-43	<b>od= 9.5mm, wideband transformers up to 50MHz.</b>	\$0.65	\$5.85
FT50-43	od= 12.5mm, wideband transformers up to 50MHz.	\$0.70	\$6.75
FT82-43	<b>od= 20.81mm, wideband transformers up to 50MHz.</b>	\$1.65	\$14.85
FT114-43	od= 29mm, wideband transformers & Baluns up to 50MHz.	\$4.35	-
FT140-43	<b>od= 35.5mm, wideband transformers &amp; Baluns up to 50MHz.</b>	\$5.90	\$53.10
FT240-43	od= 61mm, wideband transformers & Baluns up to 50MHz.	\$8.50	\$76.50
FT23-61	<b>od= 5.84mm, wideband transformers &amp; Baluns up to 200MHz.</b>	\$1.15	-
FT37-61	od= 9.5mm, wideband transformers & Baluns up to 200MHz.	\$0.70	\$6.30
FT50-61	<b>od= 12.5mm, wideband transformers &amp; Baluns up to 200MHz.</b>	\$1.55	\$13.95
FT114-61	od= 29mm, wideband transformers & Baluns up to 200MHz.	ON ORDER	
FT140-61	<b>od= 35.5mm, wideband transformers &amp; Baluns up to 200MHz.</b>	\$5.90	\$53.10
FT240-61	od= 61mm, wideband transformers & Baluns up to 200MHz.	\$15.00	
FT50-67	<b>od= 12.5mm, wideband transformers &amp; Baluns up to 200MHz</b>	\$1.65	-
FT23-77	od= 5.84mm, wideband transformers Noise Attenuation 0.5-50MHz	\$1.00	-
FT37-77	<b>od= 9.4mm, wideband transformers Noise Attenuation 0.5-50MHz</b>	\$1.20	-
FT50A-77	od= 12.5mm, wideband transformers Noise Attenuation 0.5-50MHz	\$1.70	-
FT140-77	<b>od= 35.5mm, wideband transformers Noise Attenuation 0.5 to 50MHz.</b>	\$7.60	-
FT240-77	od= 61mm, wideband transformers Noise Attenuation 0.5 to 50MHz.	\$16.90	-
FT150A-K	<b>od= 38.0mm, id= 18.5mm ht= 12mm wideband transformers 200 to 5000MHz.</b>	\$23.60	-

## MAGNETIC MATERIALS

### IRON CORES



Order No	Description	Each	10+pcs
T37-0	Tan od= 9.5mm, 50-300MHz AL= 4.9uH 100turns	\$0.45	\$4.05
<b>T50-0</b>	<b>Tan od= 12.5mm, 50-300MHz</b> <b>AL= 6.4uH 100turns</b>	<b>\$1.30</b>	<b>\$11.70</b>
T68-0	Tan od= 17.27mm, 50-300MHz AL= 7.5uH 100turns	\$2.05	\$18.45
<b>T50-1</b>	<b>Blue od= 12.5mm, 0.5-5MHz</b> <b>AL= 100uH 100turns</b>	<b>\$0.65</b>	<b>\$5.85</b>
T68-1	Blue od= 17.27mm, 0.5-5MHz AL= 100uH 100turns	\$1.95	\$17.55
<b>T12-2</b>	<b>Red od= 3.05mm, 0.25-10MHz</b> <b>AL= 20uH 100turns</b>	<b>\$0.80</b>	<b>\$7.20</b>
T16-2	Red od= 4.06mm, 0.25-10MHz AL= 22uH 100turns	\$0.80	\$7.20
<b>T25-2</b>	<b>Red od= 6.48mm, 0.25-10MHz</b> <b>AL= 34uH 100turns</b>	<b>\$0.65</b>	<b>\$5.85</b>
T30-2	Red od= 7.62mm, 0.25-10MHz AL= 43uH 100turns	\$1.00	\$9.00
<b>T37-2</b>	<b>Red od= 9.5mm, 0.25-10MHz</b> <b>AL= 40uH 100turns</b>	<b>\$0.60</b>	<b>\$5.40</b>
T50-2	Red od= 12.5mm, 0.25-10MHz AL= 49uH 100turns	\$0.65	\$5.85
<b>T68-2</b>	<b>Red od= 17.27mm, 0.25-10MHz</b> <b>AL= 57uH 100turns</b>	<b>\$1.00</b>	<b>\$9.00</b>
T94-2	Red od= 23.87mm, 0.25-10MHz AL= 84uH 100turns	\$1.60	\$14.40
<b>T106-2</b>	<b>Red od= 26.9mm, 0.25-10MHz</b> <b>AL= 135uH 100turns</b>	<b>\$2.20</b>	<b>\$19.80</b>
T200-2	Red od= 50.8mm, 0.25-10MHz AL= 120uH 100turns	\$11.50	-
<b>T16-6</b>	<b>Yellow od= 4.06mm, 3-50MHz</b> <b>AL= 19uH 100turns</b>	<b>\$0.90</b>	<b>\$8.10</b>
T25-6	Yellow od= 6.48mm, 3-50MHz AL= 27uH 100turns	\$1.30	\$11.70

MINI-KITS Imports these products directly from the US. We have a very large inventory of most cores, & discounts are available by email on 10+ pcs of the same core type.

### IRON CORES

Order No	Description	Each	10+pcs
T30-6	Yellow od= 7.62mm, 3-50MHz AL= 36uH 100turns	\$0.35	\$3.15
<b>T37-6</b>	<b>Yellow od= 9.5mm, 3-50MHz</b> <b>AL= 30uH 100turns</b>	<b>\$0.45</b>	<b>\$4.05</b>
T50-6	Yellow od= 12.5mm, 3-50MHz AL= 40uH 100turns	\$0.65	\$5.85
<b>T68-6</b>	<b>Yellow od= 17.27mm, 3-50MHz</b> <b>AL= 47uH 100turns</b>	<b>\$2.10</b>	<b>\$18.90</b>
T94-6	Yellow od= 23.87mm, 3-50MHz AL= 70uH 100turns	\$2.55	\$22.95
<b>T106-6</b>	<b>Yellow od= 26.9mm, 3-50MHz</b> <b>AL= 116uH 100turns</b>	<b>\$3.65</b>	<b>\$32.85</b>
T200-6	Yellow od= 50.8mm, 3-50MHz AL= 100uH 100turns	\$10.50	-
<b>T12-10</b>	<b>Black od= 3.05mm, 40-100MHz</b> <b>AL= 12uH 100turns</b>	<b>\$0.80</b>	<b>\$7.20</b>
T16-10	Black od= 4.06mm, 40-100MHz AL= 13uH 100turns	\$0.80	\$7.20
<b>T25-10</b>	<b>Black od= 6.48mm, 40-100MHz</b> <b>AL= 19uH 100turns</b>	<b>\$0.90</b>	<b>\$8.10</b>
T37-10	Black od= 9.5mm, 40-100MHz AL= 25uH 100turns	\$1.10	\$10.00
<b>T50-10</b>	<b>Black od= 12.5mm, 40-100MHz</b> <b>AL= 31uH 100turns</b>	<b>\$1.75</b>	<b>\$15.75</b>
T80-10	Black od= 20.32mm, 40-100MHz AL= 32uH 100turns	\$2.10	\$18.90
<b>T94-10</b>	<b>Black od= 23.87mm, 40-100MHz</b> <b>AL= 58uH 100turns</b>	<b>\$3.95</b>	<b>\$35.55</b>
T20-12	Green od= 5.08mm, 50-200MHz AL= 10uH 100turns	\$0.80	\$7.20
<b>T25-12</b>	<b>Green od= 6.48mm, 50-200MHz</b> <b>AL= 12uH 100turns</b>	<b>\$0.90</b>	<b>\$8.10</b>
T37-12	Green od= 9.5mm, 50-200MHz AL= 15uH 100turns	\$0.80	\$7.20
<b>T50-12</b>	<b>Green od= 12.5mm, 50-200MHz</b> <b>AL= 18uH 100turns</b>	<b>\$1.30</b>	<b>\$11.70</b>
T80-12	Green od= 20.32mm, 50-200MHz AL= 22uH 100turns	\$2.75	-

For plastic stepped washers suitable as insulators to mount cores above PC boards please see catalogue section 13.



We are unable to do Special orders on products that are not listed stock items. If there is a particular core that you think that we should be stocking then please email us, & we will consider it the next time we order.

### MINI-RING CORE CALCULATOR SOFTWARE

Download from [www.minikits.com.au/data.html](http://www.minikits.com.au/data.html)

## MAGNETIC MATERIALS

### Fair-Rite FERRITE BEADS



FB43-101



FB44

General purpose ferrite beads suitable for small RF chokes, & reducing RF emissions. Optimum frequency attenuation from 20 – 200MHz.

Order No	Description	1+ Each	10+Each
FB43-101	3.25LxOD3.5xD1.3mm 43 Material, RFI Attenuation 30-400MHz	\$0.20	\$0.16
FB61-101	3.25LxOD3.5xD1.3mm 61 Material, RFI Attenuation >400MHz	\$0.20	\$0.16
FB44	6 Hole Bead 2.5Turns 44 Material, Attenuation 30-400MHz	\$1.25	\$1.00
FB43-5621	28.57mm L x OD14.27mm x ID 6.35mm 43 Material	\$1.30	
FB-77-6301	10.40mm L x OD 9.55mm x ID 4.90mm 77 Material Attenuation 0.5 to 50MHz	\$1.45	\$1.16

The FB77-6301 fit our LMR-195 cable perfectly but will not fit over the larger diameter RG58.

### Enamelled Copper Wire



Suitable for winding RF transformers on Ferrite & Iron cores, airwound coils etc.

Order No	Description	Each
ECW 0.25mm	Roll 25gm 58Metres 30B&S 33SWG Enamelled Copper Wire	\$6.95
ECW 0.3mm	Roll 25gm 40Metres 28B&S 31SWG Enamelled Copper Wire	\$6.95
ECW 0.4mm	Roll 25gm 22Metres 26B&S 28SWG Enamelled Copper Wire	\$6.95
ECW 0.5mm	Roll 100gm 57Metres 24B&S 25SWG Enamelled Copper Wire	\$9.95
ECW 0.8mm	Roll 100gm 22Metres 20B&S 21SWG Enamelled Copper Wire	\$9.95
ECW 1mm	Roll 100gm 14Metres 19SWG Enamelled Copper Wire	\$9.95

## MAGNETIC MATERIALS

### Ferrite Rods



Suitable for Antenna Rods, for AM Radio, & chokes for the 7 to 30MHz bands.

Order No	Description	Each
FR-S1-100	Ferrite Rod 9mm dia100mm Long S1 Material U=120, similar to Amidon 61/64 material	\$1.95

### MINI-CIRCUITS RF TRANSFORMERS



ADT  
PACKAGE

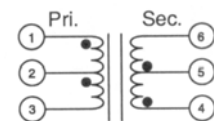


TC  
PACKAGE

RF transformers unbalanced to balanced centre tap. Suitable for SDR Radio switching Mixers or balanced amplifiers etc.

Order No	Description	Each
ADT1-6T+	0.03-125MHz 1:1 Ratio	\$7.45
TC1-1T+	0.4-500MHz 1:1 Ratio	\$3.90

### XICON AUDIO TRANSFORMERS



600ohm Audio Transformers suitable for low level audio isolation, & coupling. Interfacing between balanced & unbalanced circuits, DC isolation.

**Specifications:**  
Impedance Primary 600R CT Secondary 600R CT  
Resistance Primary 65R Secondary 55R

Order No	Description	Each
TFMR1	600/600R Audio Transformer	\$2.90

Use These Transformers to build a computer sound card to Radio Transceiver Interface.