

## MAGNETIC MATERIALS

### FERRITE & IRON CORES

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

### FERRITE BALUN CORES



Order No	Description	Each
BN29-1050	Balun 2 Hole F29 wideband transformers VHF/UHF TV Neosid 42-002-35 $\mu=12$	\$1.20
BN43-2302	<b>Balun Core 2 Hole wideband transformers up to 50MHz.</b>	<b>\$1.55</b>
BN43-2402	Balun Core 2 Hole wideband transformers up to 50MHz.	<b>\$1.55</b>
BN43-2402	<b>Balun Core 2 Hole wideband Transformers up to 50MHz.</b>	<b>\$1.55</b>
BN43-7051	Balun Core 2 Hole wideband transformers up to 50MHz.	<b>\$6.50</b>
BN61-002	<b>Balun Core 2 Hole wideband transformers up to 200MHz.</b>	<b>\$9.00</b>
BN61-202	Balun Core 2 Hole wideband transformers up to 200MHz.	\$2.20
BN61-2302	<b>Balun Core 2 Hole wideband transformers up to 200MHz.</b>	<b>\$1.55</b>
BN61-2402	Balun Core 2 Hole wideband transformers up to 200MHz.	\$1.55
BN61-6802	<b>Balun Core 2 Hole wideband transformers up to 200MHz.</b>	<b>\$2.90</b>
BN7-1050	Balun 2 Hole M7 wideband transformers VHF/UHF TV 6mm long 40-200MHz 0.5dB	\$0.50
BN73-202	<b>Balun Core 2 Hole wideband transformers up to 30MHz.</b>	<b>\$2.20</b>

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BN73-2302	Balun Core 2 Hole wideband transformers up to 30MHz.	<b>\$1.55</b>
BN73-2402	<b>Balun Core 2 Hole wideband transformers up to 30MHz.</b>	<b>\$1.55</b>

### FERRITE CORES



Order No	Description	Each
FT37-43	od= 9.5mm, wideband transformers up to 50MHz.	\$1.75
FT50-43	<b>od= 12.5mm, wideband transformers up to 50MHz.</b>	<b>\$1.70</b>
FT82-43	od= 20.81mm, wideband transformers up to 50MHz.	<b>\$2.95</b>
FT114-43	<b>od= 29mm, wideband transformers &amp; Baluns up to 50MHz.</b>	<b>\$7.40</b>
FT140-43	od= 35.5mm, wideband transformers & Baluns up to 50MHz.	\$10.40
FT240-43	<b>od= 61mm, wideband transformers &amp; Baluns up to 50MHz.</b>	<b>\$16.85</b>
FT23-61	od= 5.84mm, wideband transformers & Baluns up to 200MHz.	<b>\$1.30</b>
FT37-61	<b>od= 9.5mm, wideband transformers &amp; Baluns up to 200MHz.</b>	<b>\$1.55</b>
FT50-61	od= 12.5mm, wideband transformers & Baluns up to 200MHz.	<b>\$2.15</b>
FT140-61	<b>od= 35.5mm, wideband transformers &amp; Baluns up to 200MHz.</b>	<b>\$7.85</b>
FT50-67	od= 12.5mm, wideband transformers & Baluns up to 200MHz	<b>\$2.15</b>
FT23-77	<b>od= 5.84mm, wideband transformers Noise Attenuation 0.5-50MHz</b>	<b>\$1.30</b>
FT37-77	od= 9.4mm, wideband transformers Noise Attenuation 0.5-50MHz	<b>\$1.55</b>
FT50A-77	<b>od= 12.5mm, wideband transformers Noise Attenuation 0.5-50MHz</b>	<b>\$2.00</b>
FT140-77	od= 35.5mm, wideband transformers Noise Attenuation 0.5 to 50MHz.	<b>\$7.85</b>
FT240-77	<b>od= 61mm, wideband transformers Noise Attenuation 0.5 to 50MHz.</b>	<b>\$16.85</b>

## MAGNETIC MATERIALS

### IRON CORES



Order No	Description	Each
T37-0	Tan od= 9.5mm, 50-300MHz AL= 4.9uH 100turns	\$1.30
T50-0	Tan od= 12.5mm, 50-300MHz AL= 6.4uH 100turns	\$1.30
T68-0	Tan od= 17.27mm, 50-300MHz AL= 7.5uH 100turns	\$2.12
T50-1	Blue od= 12.5mm, 0.5-5MHz AL= 100uH 100turns ( Low Stock )	\$2.25
T12-2	Red od= 3.05mm, 0.25-10MHz AL= 20uH 100turns	\$0.75
T16-2	Red od= 4.06mm, 0.25-10MHz AL= 22uH 100turns	\$0.75
T25-2	Red od= 6.48mm, 0.25-10MHz AL= 34uH 100turns	\$0.75
T30-2	Red od= 7.62mm, 0.25-10MHz AL= 43uH 100turns	\$1.30
T37-2	Red od= 9.5mm, 0.25-10MHz AL= 40uH 100turns	\$1.30
T50-2	Red od= 12.5mm, 0.25-10MHz AL= 49uH 100turns	\$1.20
T68-2	Red od= 17.27mm, 0.25-10MHz AL= 57uH 100turns	\$1.50
T94-2	Red od= 23.87mm, 0.25-10MHz AL= 84uH 100turns	\$2.90
T106-2	Red od= 26.9mm, 0.25-10MHz AL= 135uH 100turns	\$3.50
T200-2	Red od= 50.8mm, 0.25-10MHz AL= 120uH 100turns	\$9.10
T16-6	Yellow od= 4.06mm, 3-50MHz AL= 19uH 100turns	\$0.75
T25-6	Yellow od= 6.48mm, 3-50MHz AL= 27uH 100turns	\$1.60
T37-6	Yellow od= 9.5mm, 3-50MHz AL= 30uH 100turns	\$1.30

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Order No	Description	Each
T50-6	Yellow od= 12.5mm, 3-50MHz AL= 40uH 100turns	\$1.55
T68-6	Yellow od= 17.27mm, 3-50MHz AL= 47uH 100turns	\$1.50
T106-6	Yellow od= 26.9mm, 3-50MHz AL= 116uH 100turns	\$3.50
T184-6	Yellow od= 46.74mm, 3-50MHz AL= 105uH 100turns	\$8.50
T12-10	Black od= 3.05mm, 40-100MHz AL= 12uH 100turns	\$0.75
T16-10	Black od= 4.06mm, 40-100MHz AL= 13uH 100turns	\$0.75
T25-10	Black od= 6.48mm, 40-100MHz AL= 19uH 100turns	\$0.75
T37-10	Black od= 9.5mm, 40-100MHz AL= 25uH 100turns	\$1.00
T50-10	Black od= 12.5mm, 40-100MHz AL= 31uH 100turns	\$2.25
T80-10	Black od= 20.32mm, 40-100MHz AL= 32uH 100turns	\$2.90
T25-12	Green od= 6.48mm, 50-200MHz AL= 12uH 100turns	\$0.75
T37-12	Green od= 9.5mm, 50-200MHz AL= 15uH 100turns	\$0.75
T50-12	Green od= 12.5mm, 50-200MHz AL= 18uH 100turns	\$0.80
T80-12	Green od= 20.32mm, 50-200MHz AL= 22uH 100turns	\$1.50

### 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	3.25LxOD3.5xID1.3mm 43 Material 40ohms@100MHz	\$0.20	\$0.16
FB44	6 Hole Bead 2.5Turns 44 Material 850ohms@50MHz	\$0.90	\$0.72

## MAGNETIC MATERIALS

### FERRITE CORES

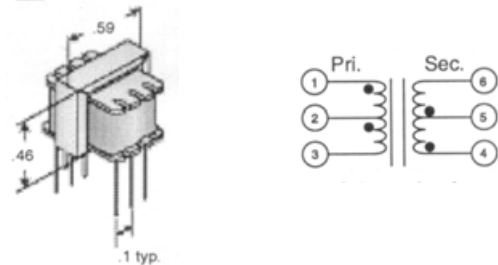
Due to the difficulty MINI-KITS has had recently in being able to buy some of these products from Australian suppliers, we are now directly importing many of these products for our customers.

### MINI-RING CORE CALCULATOR SOFTWARE

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

## AUDIO TRANSFORMERS

### XICON



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.