

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. **BLUE =NEW STOCK OR PRICE CHANGE**

FERRITE BALUN CORES



Order No	Description	Each
BN29-1050	Balun 2 Hole F29 wideband transformers VHF/UHF TV Neosid 42-002-35 u= 12	\$1.20
BN43-202	Balun Core 2 Hole wideband transformers up to 50MHz.	\$1.60
BN43-2302	Balun Core 2 Hole wideband transformers up to 50MHz.	\$1.20
BN43-2402	Balun Core 2 Hole wideband Transformers up to 50MHz.	\$1.60
BN43-7051	Balun Core 2 Hole wideband transformers up to 50MHz.	\$8.80
BN61-002	Balun Core 2 Hole wideband transformers up to 200MHz.	ON ORDER
BN61-202	Balun Core 2 Hole wideband transformers up to 200MHz.	\$1.80
BN61-2302	Balun Core 2 Hole wideband transformers up to 200MHz.	\$1.20
BN61-2402	Balun Core 2 Hole wideband transformers up to 200MHz.	\$1.20
BN61-6802	Balun Core 2 Hole wideband transformers up to 200MHz.	\$4.05
BN7-1050	Balun 2 Hole M7 wideband transformers VHF/UHF TV 6mm long 40-200MHz 0.5dB	\$0.50
BN73-202	Balun Core 2 Hole wideband transformers up to 30MHz.	\$1.80

Order No	Description	Each
BN73-2402	Balun Core 2 Hole wideband transformers up to 30MHz.	\$1.35
BN73-2302	Balun Core 2 Hole wideband transformers up to 30MHz.	\$1.35

FERRITE CORES



Order No	Description	Each
FT37-43	od= 9.5mm, wideband transformers up to 50MHz.	\$1.55
FT50-43	od= 12.5mm, wideband transformers up to 50MHz.	\$1.75
FT82-43	od= 20.81mm, wideband transformers up to 50MHz.	\$2.25
FT114-43	od= 29mm, wideband transformers & Baluns up to 50MHz.	\$4.35
FT140-43	od= 35.5mm, wideband transformers & Baluns up to 50MHz.	\$7.40
FT240-43	od= 61mm, wideband transformers & Baluns up to 50MHz.	\$23.60
FT23-61	od= 5.84mm, wideband transformers & Baluns up to 200MHz.	\$1.15
FT37-61	od= 9.5mm, wideband transformers & Baluns up to 200MHz.	\$1.40
FT50-61	od= 12.5mm, wideband transformers & Baluns up to 200MHz.	\$1.90
FT140-61	od= 35.5mm, wideband transformers & Baluns up to 200MHz.	\$7.85
FT240-61	od= 61mm, wideband transformers & Baluns up to 200MHz.	\$15.00
FT50-67	od= 12.5mm, wideband transformers & Baluns up to 200MHz	\$1.65
FT23-77	od= 5.84mm, wideband transformers Noise Attenuation 0.5-50MHz	\$1.00
FT37-77	od= 9.4mm, wideband transformers Noise Attenuation 0.5-50MHz	\$1.20
FT50A-77	od= 12.5mm, wideband transformers Noise Attenuation 0.5-50MHz	\$1.70
FT140-77	od= 35.5mm, wideband transformers Noise Attenuation 0.5 to 50MHz.	\$7.60
FT240-77	od= 61mm, wideband transformers Noise Attenuation 0.5 to 50MHz.	\$16.90
FT150A-K	od= 38.0mm, id= 18.5mm wideband transformers Noise Attenuation 200 to 5000MHz.	\$23.60

MAGNETIC MATERIALS

IRON CORES



Order No	Description	Each
T37-0	Tan od= 9.5mm, 50-300MHz AL= 4.9uH 100turns	\$1.40
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	\$2.05
T50-1	Blue od= 12.5mm, 0.5-5MHz AL= 100uH 100turns	\$1.35
T68-1	Blue od= 17.27mm, 0.5-5MHz AL= 100uH 100turns	\$1.95
T12-2	Red od= 3.05mm, 0.25-10MHz AL= 20uH 100turns	\$0.80
T16-2	Red od= 4.06mm, 0.25-10MHz AL= 22uH 100turns	\$0.80
T25-2	Red od= 6.48mm, 0.25-10MHz AL= 34uH 100turns	\$0.90
T30-2	Red od= 7.62mm, 0.25-10MHz AL= 43uH 100turns	\$1.00
T37-2	Red od= 9.5mm, 0.25-10MHz AL= 40uH 100turns	\$1.10
T50-2	Red od= 12.5mm, 0.25-10MHz AL= 49uH 100turns	\$1.30
T68-2	Red od= 17.27mm, 0.25-10MHz AL= 57uH 100turns	\$1.75
T94-2	Red od= 23.87mm, 0.25-10MHz AL= 84uH 100turns	\$3.15
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	\$11.50
T16-6	Yellow od= 4.06mm, 3-50MHz AL= 19uH 100turns	\$0.90
T25-6	Yellow od= 6.48mm, 3-50MHz AL= 27uH 100turns	\$1.30

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
T37-6	Yellow od= 9.5mm, 3-50MHz AL= 30uH 100turns	\$1.25
T50-6	Yellow od= 12.5mm, 3-50MHz AL= 40uH 100turns	\$1.75
T68-6	Yellow od= 17.27mm, 3-50MHz AL= 47uH 100turns	\$2.10
T94-6	Yellow od= 23.87mm, 3-50MHz AL= 70uH 100turns	\$3.95
T106-6	Yellow od= 26.9mm, 3-50MHz AL= 116uH 100turns	\$4.10
T184-6	Yellow od= 46.74mm, 3-50MHz AL= 105uH 100turns	\$10.60
T12-10	Black od= 3.05mm, 40-100MHz AL= 12uH 100turns	\$0.80
T16-10	Black od= 4.06mm, 40-100MHz AL= 13uH 100turns	\$0.80
T25-10	Black od= 6.48mm, 40-100MHz AL= 19uH 100turns	\$0.90
T37-10	Black od= 9.5mm, 40-100MHz AL= 25uH 100turns	\$1.10
T50-10	Black od= 12.5mm, 40-100MHz AL= 31uH 100turns	\$1.75
T80-10	Black od= 20.32mm, 40-100MHz AL= 32uH 100turns	\$3.25
T94-10	Black od= 23.87mm, 40-100MHz AL= 58uH 100turns	\$6.65
T20-12	Green od= 5.08mm, 50-200MHz AL= 10uH 100turns	\$0.80
T25-12	Green od= 6.48mm, 50-200MHz AL= 12uH 100turns	\$0.90
T37-12	Green od= 9.5mm, 50-200MHz AL= 15uH 100turns	\$0.80
T50-12	Green od= 12.5mm, 50-200MHz AL= 18uH 100turns	\$1.30
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

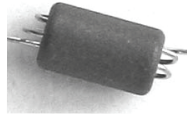
Download from www.minikits.com.au/data.html

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	3.25LxOD3.5xID1.3mm 43 Material 40ohms@100MHz	\$0.20	\$0.16
FB44	6 Hole Bead 2.5Turns 44 Material 850ohms@50MHz	\$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	\$1.45	\$1.16

The FB77-6301 will not fit over standard RG58 cable

RF TRANSFORMERS

MINI-CIRCUITS



ADT PACKAGE



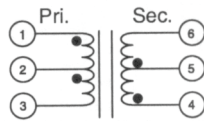
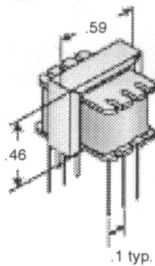
TC PACKAGE

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

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.