

# OSMOR 'Q' COILS AND RF CHOKES

(All Coils include Circuit Connection Details). Postage and Packing 6d. any coil.

• HIGH 'Q' LOW LOSS ADJUSTABLE CORES • ONE HOLE FIXING • SMALL SIZE • MAINS OR BATTERY SUPERHETS. I.F. 450-480 Kc/s. Size 1 inch × ½ inch diameter

Coil No.	Waveband (metres)	Stage	Colour Code		Coupling	Inductance (microhenries)		Fixed Con. Value	Price	
			Foot	Body		Min.	Max.			
QA1 QHF1 QO1	S.W. 13-35	Aerial H.F. Osc.	Blue Green Red	Purple " "	Aperiodic " "	0.6 0.6 0.5	1.1 1.1 0.7	0.1 mfd 0.1 mfd 4500 pf	4/- 4/- 4/-	
QA2 QHF2 QO2	S.W. 15-50	Aerial H.F. Osc.	Blue Green Red	Yellow " "	Aperiodic " "	1.4 1.4 1.1	1.9 1.9 1.6	0.1 mfd 0.1 mfd 4500 pf	4/- 4/- 4/-	
QA3 QHF3 QO3	S.W. 35-120	Aerial H.F. Osc.	Blue Green Red	Green " "	Aperiodic " "	3 3 2.5	5 5 4.8	0.1 mfd 0.1 mfd 4500 pf	4/- 4/- 4/-	
QA4 QHF4 QO4	Shipping 70-230	Aerial H.F. Osc.	Blue Green Red	Black " "	Aperiodic " "	17 17 10	42 42 22	0.1 mfd 0.1 mfd 2500 pf	4/- 4/- 4/-	
QA5 QHF5 QO5	M.W. 190-520	Aerial H.F. Osc.	Blue Green Red	Blue " "	} Bottom end condenser	130 130 70	215 215 130	2500 pf 2500 pf 470 pf	4/- 4/- 4/-	
QA6 QHF6 QO6	L.W. 800-2000	Aerial H.F. Osc.	Blue Green Red	Red " "		} Bottom end condenser	1600 1600 400	2600 2600 720	2500 pf 2500 pf 150 pf	4/- 4/- 4/-
QA8 QHF8 QO8	M.W. 190-560	Aerial H.F. Osc.	Blue Green Red	Brown " "			Aperiodic " "	100 100 65	175 175 120	0.1 mfd 0.1 mfd 470 pf
QA9 QHF9 QO9	L.W. 800-2000	Aerial H.F. Osc.	Blue Green Red	Clear " "	Aperiodic " "		2000 2000 400	2600 2600 720	0.1 mfd 0.1 mfd 150 pf	4/- 4/- 4/-
QA51	M.W. 190-520	Aerial H.F.	Blue Green	Blue "	} Bottom end condenser	130 130	210 210	2500 pf 2500 pf	5/- 5/-	
QA61	L.W. 800-2000	Aerial H.F.	Blue Green	Red "		} Bottom end condenser	1800 1800	2600 2600	2500 pf 2500 pf	5/- 5/-
QA81	M.W. 190-520	Aerial H.F.	Blue Green	Brown "	Aperiodic "		100 100	175 175	0.1 mfd 0.1 mfd	5/- 5/-
QA91	L.W. 800-2000	Aerial H.F.	Blue Green	Clear "	Aperiodic "	2000 2000	2600 2600	0.1 mfd 0.1 mfd	5/- 5/-	

The above stated wavebands are obtained with a 500 pf (0.0005) tuning condenser. However a 365 pf may be used reducing by about ¼th the low frequency end of the waveband, i.e., M.W. with 500 pf tuning covers 190-560 metres, reduces to cover 190-490 metres with 365 pf tuning capacitor.

## SUNDRY COILS AND CHOKES

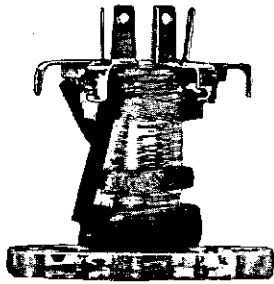
QR11D	MW/LW T.R.F. Dual Range with reaction .. ..	7/6	QC1	23mH Allwave choke	6/9
QA11D	MW/LW T.R.F. Dual Range .. .. 6 - each or ..	10/6 pair	QC2	6.5 mH R.F. choke ..	6/-
QA12D	MW/LW H.F. Coil for T.R.F. .. ..	6/-			
SWQ1	SW 11 to 31 Mc/s Aerial/H.F. with reaction .. ..	6/-			
SWQ2	SW 4½ to 12 Mc/s Aerial/H.F. with reaction .. ..	6/-			

See separate section for all transistor coils

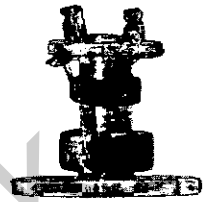
# TRF, SUPERHET and CRYSTAL SET COILS

(NOT INCLUDING FERRITE AERIALS OR TRANSISTOR COILS)

(Posting and packing 6d. per coil unless stated.)



(DRR2, HAX)



(DRXI, HMX)

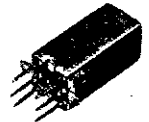
*DRX1 High gain dual range crystal set coil	500 pf. Tuning	3/-
*DRR2 High gain dual range coil with reaction (supplied with valve and transistor circuits)	... ..	4/6
*HAX Triple winding MW aerial coil	... ..	3/-
*HMX High "Q" MW aerial coil	... ..	3/6
*HLX High "Q" LW aerial coil	... ..	3/-
TO59 3 to 9 Mc/s winding 100 pf. Tuner $\frac{3}{8}$ in. former	... ..	2/6
HF2 27 Mc/s Aerial coil $\frac{1}{2}$ in. 30 pf. Tuning	... ..	2/6
HF516 "Carvertor" coil (3 to 12 Mc/s with 100pf. Tuner)	... ..	6/-
*SH4 MW/LW Superhet pairs. Comprising one MW/LW aerial coil and one MW/LW oscillator coil. Complete with circuits	9/- pair	
*Supplied with circuit and/or connection diagrams.		

IF YOU ARE UNABLE TO FIND THE ITEM YOU REQUIRE AMONGST OUR LISTS OF FERRITE AERIALS, COILS, TRANSFORMERS AND COMPONENTS THEN IT IS GENERALLY BECAUSE WE CAN SUPPLY A DIRECT REPLACEMENT FROM OUR STOCKS.

LET US ADVISE AS TO WHICH COMPONENT TO USE

## DENCO I.F.T.'s

★ 465 kc/s I.F. for valve circuits. Supplied with base template and connections. Miniature type Size  $1\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$  inch. I.F.T.11/465 6/- each



★ 10.7 Mc/s I.F.T.'s as above (I.F.T.11/10.7) 6/- each  
 ★ RDT1 Ratio Discriminator ... .. 12/6 ..  
 ★ 1.6 Mc/s IFT'S ... .. 6/6 ..

## MISCELLANEOUS

PLESSEY MINIATURE, Slug Tuned, Double Tuned 465 kc/s I.F.T.'s.	... ..	SIZE	... ..	5/- each or 9/6 pair
WEARITE STANDARD 465 Kc/s I.F.T.'s.	... ..	SIZE	... ..	4/- each or 7/6 pair

<b>COIL FORMERS</b>	$\frac{1}{4}$ inch POLY, with SLUG ... ..	9d.	$\frac{3}{8}$ inch POLY, with SLUG	... ..	9d.
	$\frac{1}{4}$ inch FORMER WITH SLUG AND SCREENED CAN	... ..	... ..	... ..	1/6
	$\frac{3}{8}$ inch or $\frac{1}{2}$ inch DUST SLUGS	... ..	TRIMMING TOOL	... ..	1/-

## WEYMOUTH ADJUSTABLE MIDGET IRON CORED COILS

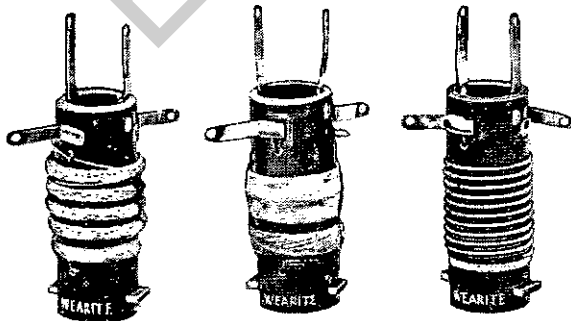
3/9 each

All coils are supplied with full connection and circuit diagrams. Simple one hole fixing. Suitable for battery or mains superhets. Former length  $1\frac{1}{4}$  in. Maximum dia.  $\frac{7}{8}$  in.

## TUNING CAPACITY 500 pf.

Band	Coverage	Aerial	H.F.	Osc.	Trimmer	Padder	Price
1	800/2000	HA1	HH1	HO1	50 pf.	180 pf.	3/9 each
2	250/800	HA2	HH2	HO2	50 pf.	400 pf.	3/9 ..
3	200/550	HA3	HH3	HO3	50 pf.	500 pf.	3/9 ..
4	90/250	HA4	HH4	HO4	50 pf.	1000 pf.	3/9 ..
5	33/100	HA5	HH5	HO5	50 pf.	2500 pf.	3/9 ..
6	16/50	HA6	HH6	HO6	50 pf.	—	3/9 ..
7	12.5/37	HA7	HH7	HO7	50 pf.	—	3/9 ..

(Post and packing 6d. per coil)



## WEARITE SUPERHET COILS (500 pf. Tuning capacity)

Coverage	Aerial	H.F.	Osc.	Price	Connections
700/2000	PA1	PHF1	PO1	3/- each	Reading clockwise from Red sleeve, Red, Grid, Aerial, AVC, Earth.
200/557	PA2	PHF2	PO2	3/- ..	
16/47	PA3	PHF3	PO3	3/- ..	
12/35	PA4	PHF4	PO4	3/- ..	
34/100	PA5	PHF5	PO5	3/- ..	
90/260	PA6	PHF6	PO6	3/- ..	
250/750	PA7	PHF7	PO7	3/- ..	

# TRANSISTOR SUPERHET COILS

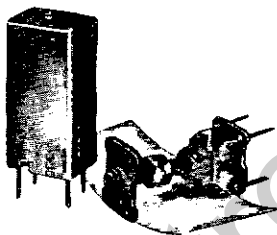
Items marked † Printed Circuit Available—Parts List and Prices FREE on Request  
 Items marked \* Are Packed with Circuits—All Parts Specified are in Stock

Postage and Packing  
 6d. any item

WEYMOUTH (WEYRAD)

Type No.	Size	Description	Wavebands	Tuner	I.F.	Circuit and Layout	Price
P50/1AC P50/2CC P50/3CC RA2W	$\frac{3}{16} \times \frac{5}{16}$ in. diam. $\frac{3}{16} \times \frac{5}{16}$ in. diam. $\frac{3}{16} \times \frac{5}{16}$ in. diam. $6 \times \frac{1}{16}$ in. diam.	Oscillator for OC44/XA102 1st and 2nd I.F.T. Final I.F.T. matched to diode Ferrite aerial for above	MW/LW — — MW/LW	208+176 — — 208+176	470 Kc/s 470 Kc/s 470 Kc/s —	1/6 † .. .. ..	5/4 5/7 each 6/- 12/6
P50/1A P90/1AS P71 P72 P50/3V RA2W/4	$\frac{3}{16} \times \frac{5}{16}$ in. diam. $1 \times \frac{1}{16}$ in. diam. $1 \times \frac{1}{16}$ in. diam. $\frac{3}{16} \times \frac{5}{16}$ in. diam. $6 \times \frac{1}{16}$ in. diam.	Oscillator for OC170/AF117 Oscillator for OC170/AF117 1st I.F.T. double tuned 2nd I.F.T. double tuned Final I.F.T. to diode Ferrite Aerial for above	MW SW — — — MW/SW	208+176 208+176 — — — 208+176	470 Kc/s 470 Kc/s 470 Kc/s 470 Kc/s 470 Kc/s —	1/6 † .. .. .. .. ..	5/6 6/- 6/3 6/3 6/- 12/6
<b>WIRELESS TELEPHONE</b>							
WTC1 WTC2 WTC3 HR4	$\frac{3}{16} \times \frac{5}{16}$ in. diam. $1 \frac{1}{8} \times \frac{5}{16} \times \frac{5}{16}$ in. $\frac{3}{16} \times \frac{5}{16}$ in. diam. $8 \times \frac{1}{16}$ in. diam.	Oscillator for OC44/XA102 1st and 2nd double tuned I.F. Final I.F.T. to diode Ferrite aerial for above	MW/LW — — MW/LW	HR2 — — HR2	470 Kc/s 470 Kc/s 470 Kc/s —	2/6 † .. .. ..	5/6 6/6 each 6/- 8/6
WTC101 WTC102 WTC102B WTC103 CS6	$\frac{1}{4} \times \frac{1}{4} \times \frac{1}{4}$ in. $\frac{1}{4} \times \frac{1}{4} \times \frac{1}{4}$ in. $\frac{1}{4} \times \frac{1}{4} \times \frac{1}{4}$ in. $\frac{1}{4} \times \frac{1}{4} \times \frac{1}{4}$ in. $2 \frac{1}{2} \times \frac{1}{4} \times \frac{1}{16}$ in.	(Red) Osc. coil for OC44M (Yellow) 1st I.F.T. (Yellow/Blue) 2nd I.F.T. (Black) Final I.F.T. Ferrite slab for above	MW/LW — — — MW/LW	190+190 — — — 190+190	470 Kc/s 470 Kc/s 470 Kc/s 470 Kc/s —	1/6 † .. .. .. ..	5/- 5/- 5/- 5/- 4/6

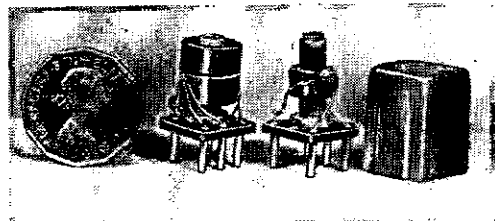
WTC  
Doubled  
Tuned  
Series



P50/  
P70/  
PW/  
FT  
Series



XO  
XT  
X—  
Series



OSMOR-PW

Type No.	Size	Description	Wavebands	Tuner	I.F.	Circuit and Layout	Price
PW/01 PW/2 PW/3 PWFR1	$\frac{3}{4} \times \frac{5}{8}$ in. diam. $\frac{3}{4} \times \frac{5}{8}$ in. diam. $\frac{3}{4} \times \frac{5}{8}$ in. diam. $5 \times \frac{3}{8}$ in. diam..	Oscillator for PW-6 and Mercury and Troubadour 1st and 2nd I.F.T.'s Final I.F.T. to Diode Ferrite aerial for above	MW/LW — — MW/LW	208+176 — — 208+176	470 Kc/s 470 Kc/s 470 Kc/s —	1/6 † .. .. ..	5/4 5/7 each 6/- 8/-
<b>T.S.L.</b>							
TSL01 TSL2 TSL3 TSL4 TSL	$\frac{7}{16} \times \frac{3}{16} \times \frac{3}{16}$ in. $\frac{7}{16} \times \frac{3}{16} \times \frac{3}{16}$ in. $\frac{7}{16} \times \frac{3}{16} \times \frac{3}{16}$ in. $\frac{7}{16} \times \frac{3}{16} \times \frac{3}{16}$ in. $1 \frac{1}{2} \times \frac{3}{8}$ in. diam.	(Green) Osc. for Med. waves (White) 1st I.F.T. (White) 2nd I.F.T. (Mauve) Final I.F.T. to diode Ferrite rod aerial for above	MW — — — MW	120+120 — — — 120+120	470 Kc/s 470 Kc/s 470 Kc/s 470 Kc/s —	Free with tuner 120+120pf *	6/- 6/- 6/- 6/- 3/6
<b>TELETRON</b>							
FT02 FT3E FT3D ML5	$1 \frac{1}{8} \times \frac{3}{8}$ in. diam. $1 \frac{1}{8} \times \frac{3}{8}$ in. diam. $1 \frac{1}{8} \times \frac{3}{8}$ in. diam. $5 \times \frac{1}{16}$ in. diam.	Oscillator XA104/OC44 1st and 2nd I.F.T.'s Final I.F.T. to diode Ferrite aerial for above	MW/LW — — MW/LW	365+365 — — 365+365	315 Kc/s 315 Kc/s 315 Kc/s —	— — — —	6/6 6/6 each 6/6 7/6

Type No.	Size	Description	Wavebands (metres)	Tuner +	I.F.	Circuit and Layout	Price
XO28	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	(Black) oscillator	MW/LW	176	470 Kc/s	*	6/-
XT26	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	(Blue) 1st and 2nd I.F.T.'S	—	—	470 Kc/s	*	6/- each
XT27	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	(Green) Final I.F.T.	—	—	470 Kc/s	*	6/-
FS39	$3 \times \frac{3}{4} \times \frac{1}{4}$ in.	Ferrite slab for above	MW/LW	208	—	—	10/6
XTA31	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	Aerial coil	85/200	208	—	*	7/6
XTF32	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	H.F. coil	85/200	208	—	*	7/6
XTO33	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	Oscillator coil	85/200	176	470 Kc/s	*	7/6
XSA34	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	Aerial coil	35/85	208	—	*	7/6
XSF35	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	H.F. coil	35/85	208	—	*	7/6
XOS36	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	Oscillator	35/85	176	470 Kc/s	*	7/6
XSA37	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	Aerial coil	16/43	208	—	*	7/6
XSF38	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	H.F. coil	16/43	208	—	*	7/6
XOS36	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	Oscillator	16/43	176	470 Kc/s	*	7/6
XMA41	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	(Yellow) Aerial coil	MW	208	—	*	7/6
XMF42	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	(Brown) H.F. coil	MW	208	—	*	7/6
XLA43	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	(White) Aerial coil	LW	208	—	*	7/6
XLF44	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	(Mauve) H.F. coil	LW	208	—	*	7/6
XO28	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	(Black) Oscillator coil	MW/LW	176	470 Kc/s	*	6/-
XT50	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	(Red) 1st and 2nd double tuned I.F.T.'s	—	—	470 Kc/s	*	6/9 each
XT27	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	(Green) Final I.F. to diode	—	—	470 Kc/s	*	6/-
XO8	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	Oscillator coil	MW/LW	176	470 Kc/s	*	5/-
XT6	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	1st and 2nd I.F.T.'S	—	—	470 Kc/s	*	6/- each
XT7	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	Final I.F.T.	—	—	470 Kc/s	*	6/-
FS3	$3 \times \frac{3}{4} \times \frac{1}{4}$ in.	Ferrite slab aerial	MW	208	—	*	7/6
FS4	$3 \times \frac{3}{4} \times \frac{1}{4}$ in.	Ferrite slab aerial	LW	208	—	*	7/6
OT1	—	Combined O.S.C. and 1st I.F.T.	MW/LW	365	315 Kc/s	*	11/6
TT2	—	2nd and 3rd I.F.T.	—	—	315 Kc/s	*	5/-
TT3	—	Final I.F.T.	—	—	315 Kc/s	*	5/-
XO15	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	Oscillator coil	MW/LW	500	470 Kc/s	*	5/-
XMA16	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	Aerial coil	MW	500	—	*	7/6
XMF17	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	HF coil	MW	500	—	*	7/6
XLA18	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	Aerial coil	LW	500	—	*	7/6
XLF19	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	H.F. coil	LW	500	—	*	7/6
XO28	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	(Black) Oscillator for AF117/OC170	MW/LW	176	470 Kc/s	*	6/-
XT50	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	(Red) Double tuned I.F. AF117	—	—	470 Kc/s	*	6/9 each
XT27	$\frac{1}{2} \times \frac{1}{2} \times \frac{3}{4}$ in.	(Green) Final I.F.T. for above	—	—	470 Kc/s	*	6/-
FS39	$3 \times \frac{3}{4} \times \frac{1}{4}$ in.	Ferrite slab aerial	MW/LW	208	—	—	10/6

+ Usually part of two or three gang tuners.

\* All 470 Kc/s I.F.T.'s are adjustable from about 455 Kc/s to 480 Kc/s but are generally preset to 470 Kc/s.

\* All coils are for common emitter circuit except XT6, XT7, FT3E/3D, and TT2/3 which are common base.

\* All components specified on circuits available for above coils are generally available from stock.

**HIGH 'Q' R.F. CHOKES**

NEOSID	1 amp Choke core	1/-
RFC	1.5 mH (illustrated)	1/6
CH1	2.5 mH (illustrated)	2/6
RFC8	5 Microhenry ( $1\frac{1}{2} \times \frac{1}{4}$ in.)	2/-
RFC5	2.5mh ( $1\frac{1}{2} \times 1\frac{1}{8}$ in.)	2/6
QC1	23mH	6/9
QC2	6.5 mH	6/-
MRC	H.F. choke ( $\frac{5}{8} \times \frac{1}{4}$ in.)	9d.
SC	Suppressor choke ( $1\frac{1}{8} \times \frac{3}{8}$ in.)	9d.

