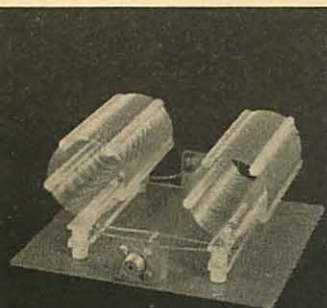


air dux

AIR WOUND COILS

Illumitronic Engineering has developed a complete, versatile series of air core inductors designed especially for the amateur rig, or for prototypes of RF transmission equipment. These coils may be used for pi output circuits, conventional LC output circuits, interstage and oscillator circuits. The series consists of a standard coil type, a variable pitch type, and an indented type, in a range of diameters from 1/2 inch to 3 inches. All Air Dux® coils are constructed of tinned (silver or formvar) copper wire wound on large low loss polystyrene rods for the highest mechanical strength and lowest electrical losses.

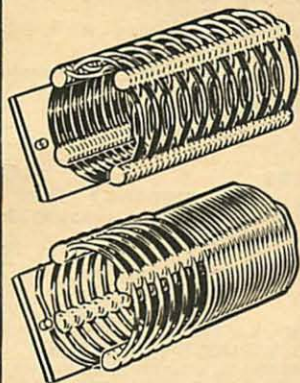


Two coils required.
Coax connector not included.

air dux® BALUN

Unbalanced coax lines used on most transmitters can be matched to balanced lines of either 75 or 300 ohms impedance by using the B2009 air dux coils. May be used with transmitters and receivers without adjustment over the frequency range of 80 through 10 meters, and will handle power inputs up to 200 watts.

NO.	DESCRIPTION	NET EA.
B2009	Coil with hardware	3.36
MB2009	Mounting plate	1.95



Indented pi dux®

Cat. No.	Dia.	TPI	Wire Size	Length of Coil	L uh.	Net
816A	1	16	18	3 1/8	18.0	1.25
1014A	1 1/4	14	18	2 3/8	18.3	1.50
1212A	1 1/2	12	16	2 1/4	18.3	1.70
1411A	1 3/4	11	14	2 1/8	18.0	1.90
1609A	2	9	14	3	18.1	2.10
2007A	2 1/2	7	12	3 1/4	18.6	2.60
2406A	3	6	10	3 1/8	18.7	3.25

Vari-pitch pi dux®

Cat. No.	Dia.	TPI	Wire Size	Length of Coil	L uh.	Net
820D10	1	20 & 10	18	3 1/4	18.0	1.25
1212D6	1 1/2	12 & 6	14	3 1/8	18.6	2.00
1608D6	2	8 & 6	12	4 1/8	18.1	2.70
2008D5	2 1/2	8 & 5	12	3 3/4	18.2	3.25
2408D4	3	8 & 4	10	3 3/4	18.6	3.95

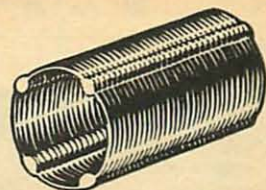


1 KW pi dux

2 new pi dux assemblies

The 500 and 1000 watt pi dux assemblies are compact yet conservatively rated. The high frequency coil sections are silver plated for high tank circuit efficiency. A complete technical sheet is included with each assembly.

#195-1 500 watt pi dux Assembly net 5.95
#195-2 1 KW pi dux Assembly net 14.50



air dux®

Cat. No. T or S	Dia.	TPI	Wire Size	Length of Coil	Net Price
404		4	18		
406		6	18		
408		8	18		
410	1/2	10	18	2	.40
416		16	20		
432		32	24		(Silver .80)
504		4	16		
506		6	18		
508		8	18		
510	5/8	10	18	2	.45
516		16	20		
532		32	24		(Silver .85)
604		4	16		
606		6	18		
608		8	18		
610	3/4	10	18	2	.50
616		16	20		
632		32	24		(Silver .90)
804		4	16		
806		6	18		
808		8	18		
810	1	10	18	3	.65
816		16	20		
832		32	24		(Silver 1.10)
1004		4	14		
1006		6	14		
1008		8	16		
1010	1 1/4	10	18	10	1.65
1016		16	20		
*1032		32	24		
1204		4	14		
1206		6	14		
1208		8	16		
1210	1 1/2	10	18	10	1.80
1216		16	20		
*1232		32	24		
1404		4	14		
1406		6	14		
1408		8	14		
1410	1 3/4	10	16	10	1.90
1416		16	18		
*1432		32	24		
1604		4	12		
1606		6	14		
1608	2	8	14	10	1.95
1610		10	16		
1616		16	18		
2004		4	12		
2006		6	12		
2008	2 1/2	8	14	10	2.25
2010		10	16		
2404		4	10		
2406		6	12		
2408	3	8	14	10	3.40
2410		10	14		

*New

"T" series air dux are Tinned copper wire. (Add "T" after Cat. No.)

"S" series are SILVER PLATED copper wire. (Add "S" after Cat. No.)

1000 thru 2400 series silver coils are available at double the costs shown.

Complete technical charts and graphs on air dux and pi dux are available on sheets T.H. 6 and 7.

Formvar coils available at higher costs.

products by **illumitronic**  **engineering**