



Feenix, Ariz.

ing de-miked. You heering  
grounded? Likesamewise, I  
d. Off the air. No putting  
rs. Not even testing filaments  
y, Hon. Ed., not even per-  
ck. Lock on door. Only one  
Itchi having same. Tied to

uring I in dog-house by now,  
letter upsides down or you  
nshun. Hackensaki!! Brother  
foot down. Not only putting  
ratively, but also literally.  
shewally kicking me in stom-  
Back are turned.

so muchly, only are figyour-  
y falt. After all, who would  
sort of thing with material  
all, only having to kilowhats  
e standing wave rayshow are  
better starting back when it

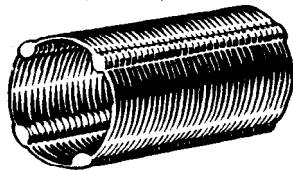
Itchi, XYL-to-be Lil Wata-  
having dinner one evenings  
me how things coming with  
telling her not so hots, on  
w ten-meters beem, and can't  
mpletely out of bux. She say-  
e beem that badly, why not

st kindly for idea, not that are  
of idea, and it are not until  
I beginning to thinking may-  
beem. Howsumever, more I  
can't figyouring on how to  
m tooing by making it. Not  
how to make aloominum,  
ominum tooing.

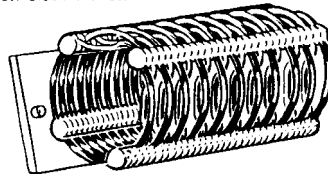
can making from aloominum  
Itchi having big five-gallons  
remembering. And that, Hon.  
1/c geenyus idea are hitting  
ynted sircuts, beams. I can  
on something! On barn roof!  
sbestos shingles, and are no  
than asbestus. Also, roof not

# air dux®

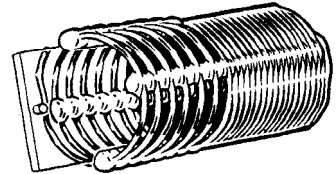
Illumitronic Engineering has developed a complete, versatile series of air core inductors designed especially for the amateur rig, or for prototypes of RF transmission equipment. These coils may be used for pi output circuits, conventional LC output circuits, interstage and oscillator circuits. The series 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.



air dux®



indented air dux®



vari-pitch air dux®

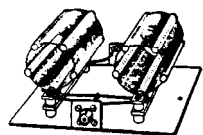
air dux coils						
Cat. No.	Diameter in Inches	Turns per Inch	Length of Coil	Wire Size	Total L	Net Price
404	1/2	4	2	18	0.18	.35
406		6		18	0.39	
408		8		18	0.71	
410		10		18	1.1	
416		16		20	2.87	
432		32		24	11.3	
504	3/8	4	2	16	0.27	.40
506		6		18	0.61	
508		8		18	1.1	
510		10		18	1.6	
516		16		20	4.3	
532		32		24	17.3	
604	3/4	4	2	16	0.38	.45
606		6		18	0.86	
608		8		18	1.52	
610		10		18	2.38	
616		16		20	6.98	
632		32		24	24.2	
804	1	4	3	16	1.02	.60
806		6		18	2.33	
808		8		18	4.1	
810		10		18	6.47	
816		16		20	16.3	
832		32		24	66.3	
1004	1 1/4	4	10	14	5.8	1.45
1006		6		14	13.0	
1008		8		16	23.3	
1010		10		18	36.5	
1016		16		20	94.0	
1204	1 1/2	4	10	14	8.3	1.55
1206		6		14	18.6	
1208		8		16	33.6	
1210		10		18	52.0	
1216		16		20	134.5	
1404	1 3/4	4	10	14	11.2	1.65
1406		6		14	25.1	
1408		8		16	45.0	
1410		10		16	70.0	
1416		16		18	179.0	
1604	2	4	10	12	14.3	1.75
1606		6		14	33.1	
1608		8		14	57.5	
1610		10		16	89.5	
1616		16		18	232.0	
2004	2 1/2	4	10	12	22.3	1.90
2006		6		12	49.6	
2008		8		14	88.6	
2010		10		16	142.0	
2404	3	4	10	10	31.5	2.85
2406		6		12	71.0	
2408		8		14	127.0	
2410		10		14	198.0	

Silver and formvar available at additional cost

pi air dux coils						
indented air dux®						
Cat. No.	Dia. in"	Wire Size	Length of Coil	Mtg. Centers	L. in.	Net
816A	1	18	3 1/4	3 3/4	18	.98
1014A	1 1/4	18	2 3/4	3 3/4	18.3	1.25
1212A	1 1/2	16	2 3/4	3 3/4	18.3	1.50
1411A	1 3/4	14	2 3/4	3 3/4	18.0	1.70
1609A	2	14	3	3 3/4	18.1	1.85
2007A	2 1/2	12	3 1/4	4	18.6	2.25
2406A	3	10	3 3/4	4 1/4	18.7	2.85
vari-pitch air dux®						
820D10	1	18	3 1/4	3 3/4	18	1.05
1212D6	1 1/2	14	3 1/4	4 3/4	18.6	1.75
1608D6	2	12	4 1/4	4 3/4	18.1	2.45
2008D5	2 1/2	12	3 3/4	4 3/4	18.2	2.80
2408D4	3	10	3 3/4	4 3/4	18.6	3.50

Air Dux® Balun coils may be used for impedance matching in both transmitters and receivers without adjustment from 10 through 80 meters.

No.	Description	Net Ea.
B2009	Coil with hardware	3.36
MB2009	Mounting Plate	1.95



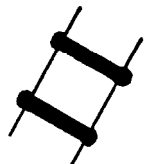
## SPIRAL WRAP

Spirally cut polyethylene tubing for cabling loose wires into neat cables for production or prototypes. Available in 1/4" and 3/8" O.D. in four colors: white, black, red and blue.



## LADDER LINE®

Extremely low loss transmission line for TV, amateur, and commercial use. Formvar copper wire molded by exclusive process in polystyrene spacers for maximum strength. In individual self-reeling cartons in lengths from 30 ft. to 250 ft.



Write for complete brochure

**illumitronic**  
sunnyvale



**engineering**  
california

For further information, check number 8 on page 206.

November, 1957 • CQ • 11

### Indented pl dux<sup>®</sup>

Cat. No.	Ops	TPI	Wire Size	Length of Coil	Wt. lb.
816A	1	16	18	3 $\frac{1}{4}$	18.0
1014A	1 $\frac{1}{2}$	14	18	2 $\frac{11}{16}$	18.3
1212A	1 $\frac{1}{2}$	12	16	2 $\frac{3}{4}$	18.3
1411A	1 $\frac{3}{4}$	11	14	2 $\frac{5}{8}$	18.0
1609A	2	9	14	3	18.1
2007A	2 $\frac{1}{2}$	7	12	3 $\frac{1}{2}$	18.6
2406A	3	6	10	3 $\frac{3}{4}$	18.7

### vari-pitch pl dux<sup>®</sup>

820D10	1	20 & 10	18	3 $\frac{1}{4}$	18.0
1212D6	1 $\frac{1}{2}$	12 & 6	14	3 $\frac{11}{16}$	18.6
1608D6	2	8 & 6	12	4 $\frac{1}{8}$	18.1
2008D5	2 $\frac{1}{2}$	8 & 5	12	3 $\frac{1}{2}$	18.2
2408D4	3	8 & 4	10	3 $\frac{3}{4}$	18.6