

## Line output transformer values from Bush TV22 Mk II

I have tabulated the Bush, Trader and actual measurements averaged from three transformers. I have never seen the inductances of these windings published.

My measurements and those published seem as close as would be expected.

I have no idea what the mutual inductances between each winding are, but of course this will be set by the spacing between the windings in construction.

Trader sheet 1091/T38 tag letters	Trader sheet resistance	Bush service sheet tag numbers	Bush sheet resistance	*Measured resistance	*Measured inductance
e	1.3 $\Omega$	1 to 2	- -	1.2 $\Omega$	30 $\mu$ H
d	14.2 $\Omega$	2 to 3	- -	14.1 $\Omega$	33 mH
- -	- -	1 to 3	15 $\Omega$	15.3 $\Omega$	40 mH
b	30 $\Omega$	4 to 5	- -	29 $\Omega$	89 mH
a	7.5 $\Omega$	5 to 6	- -	7.6 $\Omega$	9.5 mH
- -	- -	4 to 6	36 $\Omega$	36.6 $\Omega$	146 mH
c	800 $\Omega$	4 to 7	700 $\Omega$	880 $\Omega$	1 H
f	1.5 $\Omega$	8 to 9	1.3 $\Omega$	1.2 $\Omega$	19 $\mu$ H

\* Measured resistance and inductance derived from measurements from three different Bush line output transformers. These measurements made with Atlas LCR 40 passive components analyser, spec. claims accuracy of +/- 1%.