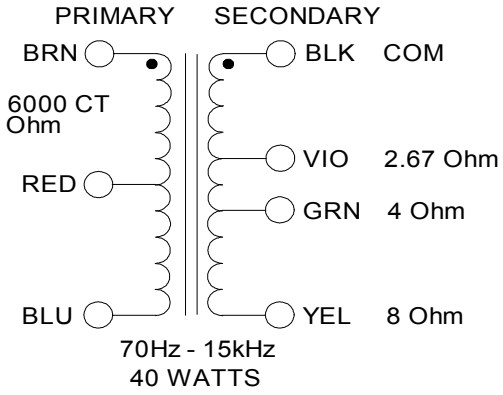
Hammond Mfg. Co. Ltd., Electronics Division

www.hammondmfg.com

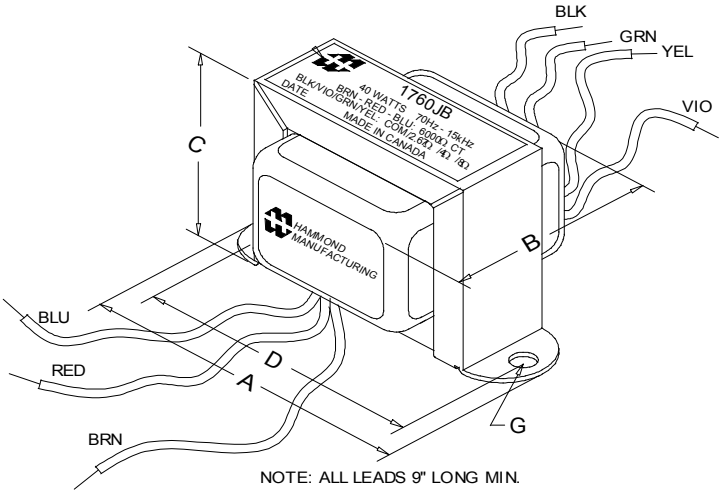
1760JB

TUBE GUITAR AMPLIFIER - OUTPUT TRANSFORMER

- Designed for drop in replacement of original units.
- Constructed to look similar to original factory units (where possible).
- Material used & design specifications were kept as close as possible to the original part to preserve the stock "tone".
- Open style with minimum 9" long primary and secondary leads
- Frequency response 70Hz - 15KHz (0/-1dB reference @ 1KHz)
- Distortion is less than 1% @ 70Hz



ELECTRICAL SPECIFICATIONS		
Characteristics	**Typical**	
Input Impedance	6000 Ohms	
Output Impedance	2.67, 4 & 8 Ohms	
Output Power	40W	
DCR		
Primary Brown-Blue	114.0 Ohms	
Secondary Black-Violet	0.135 Ohm	
Secondary Black-Green	0.160 Ohm	
Secondary Black-Yellow	0.274 Ohm	
Inductance / **Impedance**	@ 1.0 kHz, 1.0 V OC	
Primary Brown-Blue	7.65 H	48.5 KOhm
Secondary Black-Violet	8.438 mH	126 Ohm
Secondary Black-Green	12.765 mH	180.05 Ohm
Secondary Black-Yellow	27.76 mH	334.5 Ohm
Leakage Inductance	@ 1.0 kHz, 1.0 V SC	
Brown-Blue	21.69 mH	
Dielectric Strength	1500VRMS	
Temperature Range	-40 to 105 degC	



NOTE: ALL LEADS 9" LONG MIN.

Dimensions			
A	4.00" ±0.063	D	3.560" ±0.063
B	2.80" REF	G	0.187" ±0.015
C	2.63 MAX		

TEST CONDITIONS

Measurement instruments:

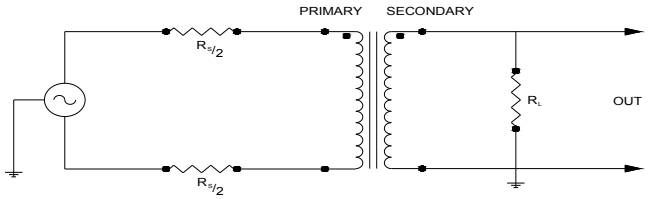
D scope series iii audio analyzer — Keithley 2010 DVM

Wayne Kerr 3255B with a 3265B — Hp4192a impedance analyzer

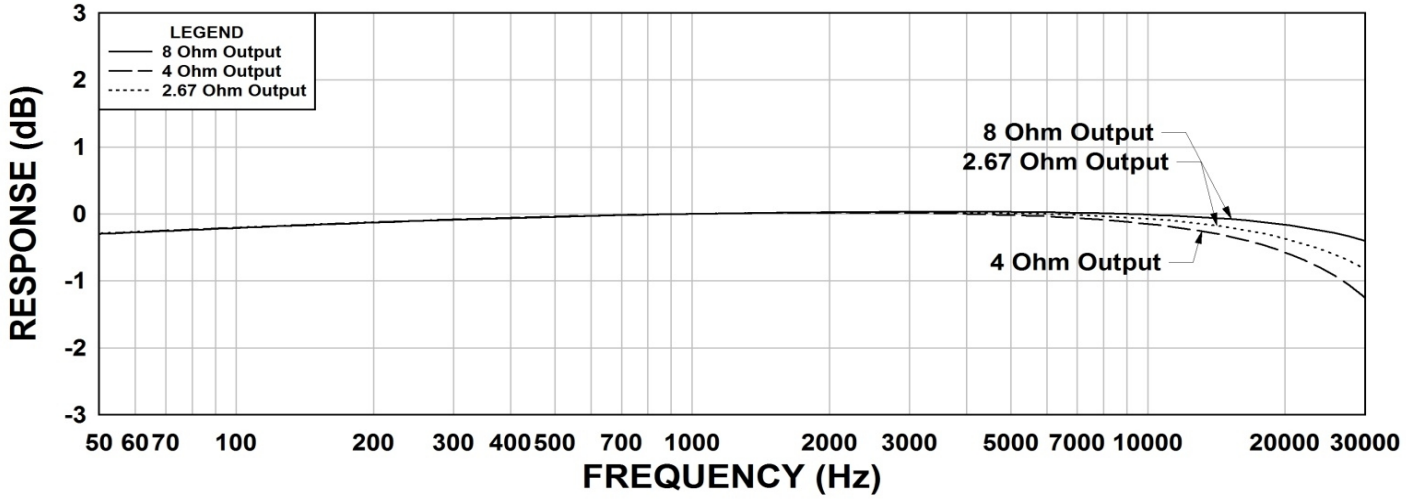
* All graphs input level 27dBu @1.0KHz reference.

**The results are typical and are subject to normal manufacturing and electrical tolerances.

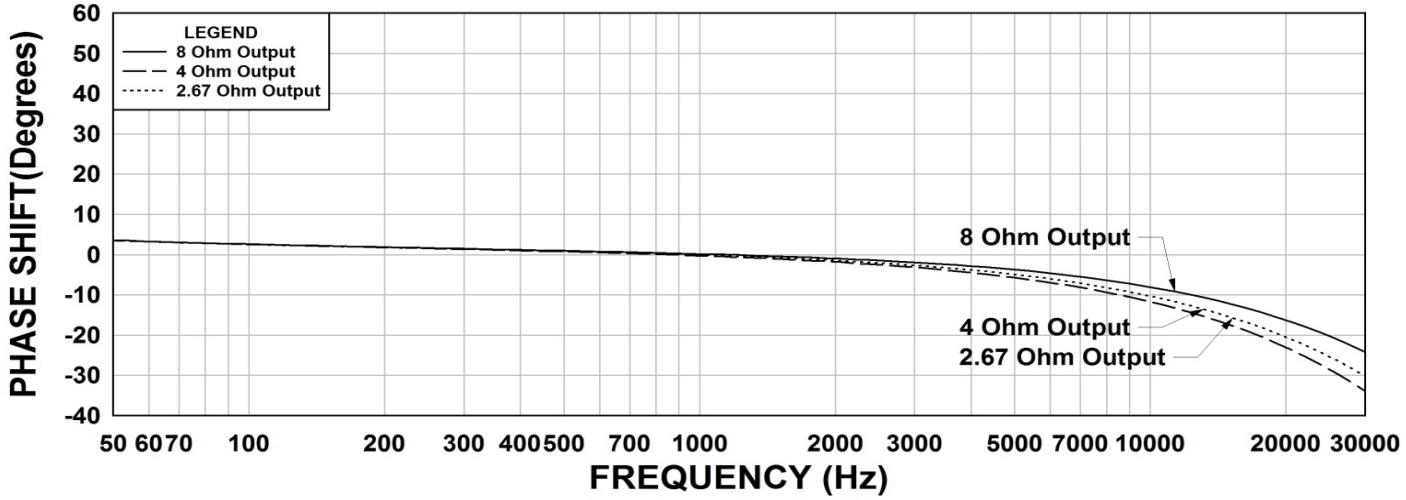
TYPICAL TEST CIRCUIT



1760JB Frequency Response RS = 6K Ohms



1760JB Phase Shift RS = 6K Ohms



1760JB THD+N RS = 6K Ohms