

119Y250

AUDIO DISTRIBUTION LINE MATCHING TRANSFORMER

- Suitable for driving from solid state amplifiers where isolated windings are not required or can be used with our "Classic" 1600 tube output transformers to provide 70V line output.
- Leads 6" long minimum
- Can be reversed for operation at high power speaker locations.
- Frequency response 50Hz - 10KHz (0/-1.0dB reference @ 1KHz)
- Distortion is less than 2% @ 50Hz

ELECTRICAL SPECIFICATIONS

Characteristics		Typical
Input Voltage		70V
Output Impedance		8 & 16 Ohms
Output Power		250 W
DCR		
Black-White		0.377 Ohm
Black-Brown		0.537 Ohms
Black-Green		0.600 Ohms
Inductance Impedance @ 1.0 kHz, 1.0 V OC		
Black-White		49.46 mH 301.7 Ohm
Black-Brown		88.57 mH 568.9 Ohm
Black-Green		110.64 mH 681.8 Ohm
Leakage Inductance @ 1.0 kHz, 1.0 V SC		
Black-Green		19.4 uH
Dielectric Strength 1500VRMS		
Temperature Range -40 to 105 degC		

TEST CONDITIONS

Measurement instruments:

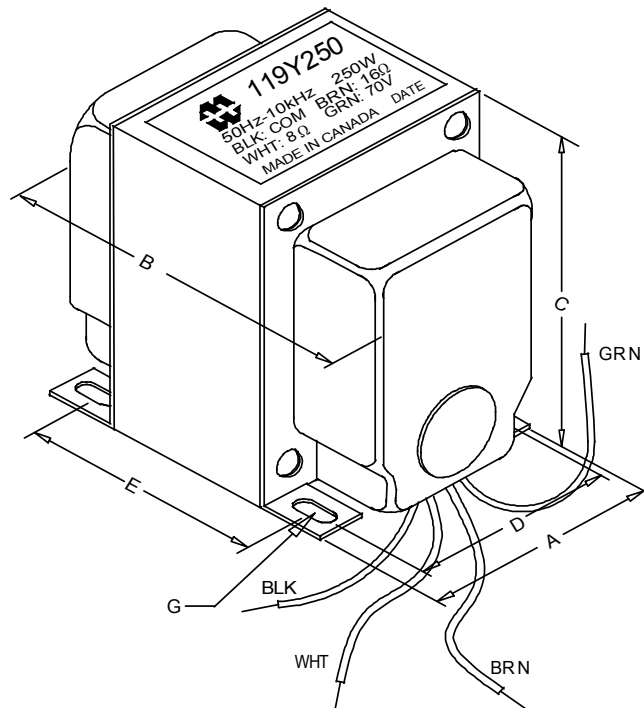
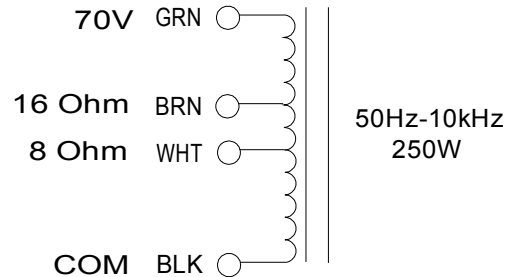
D scope series iii audio analyzer
Wayne Kerr 3255B with a 3265B

Keithley 2010 DVM

Hp4192a impedance analyzer

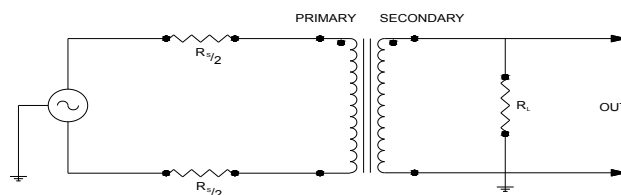
* All graphs input level 27dBu @1.0KHz reference.

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

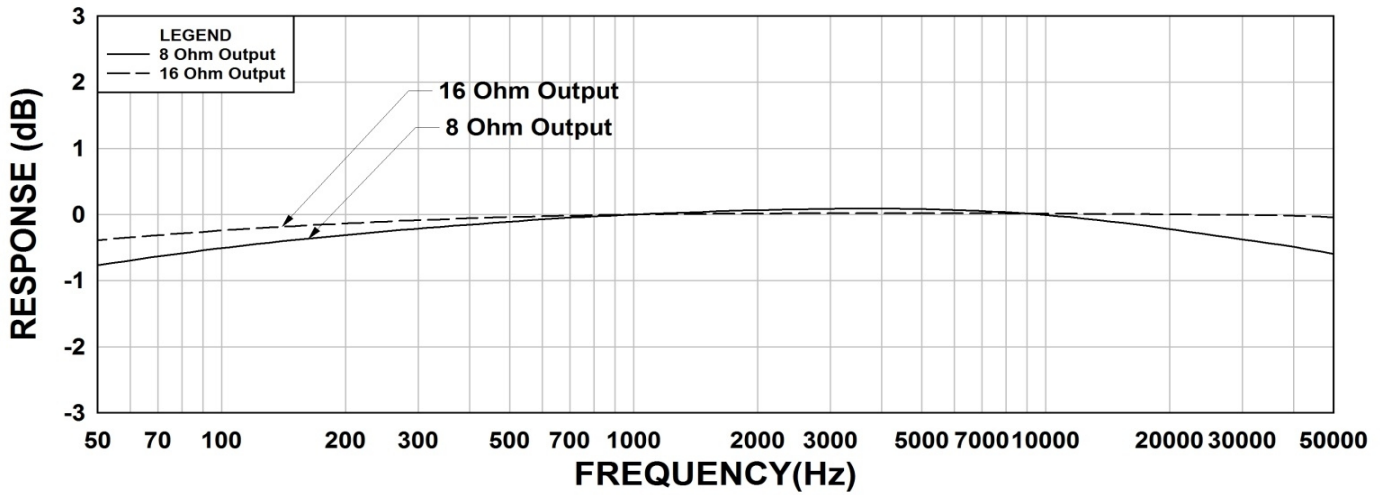


Dimensions		
A	3.125" ±0.063	D 2.500" ±0.063
B	4.185" ±0.125	E 2.938" ±0.063
C	3.795" ±0.063	G 0.203" X 0.400" ±0.015

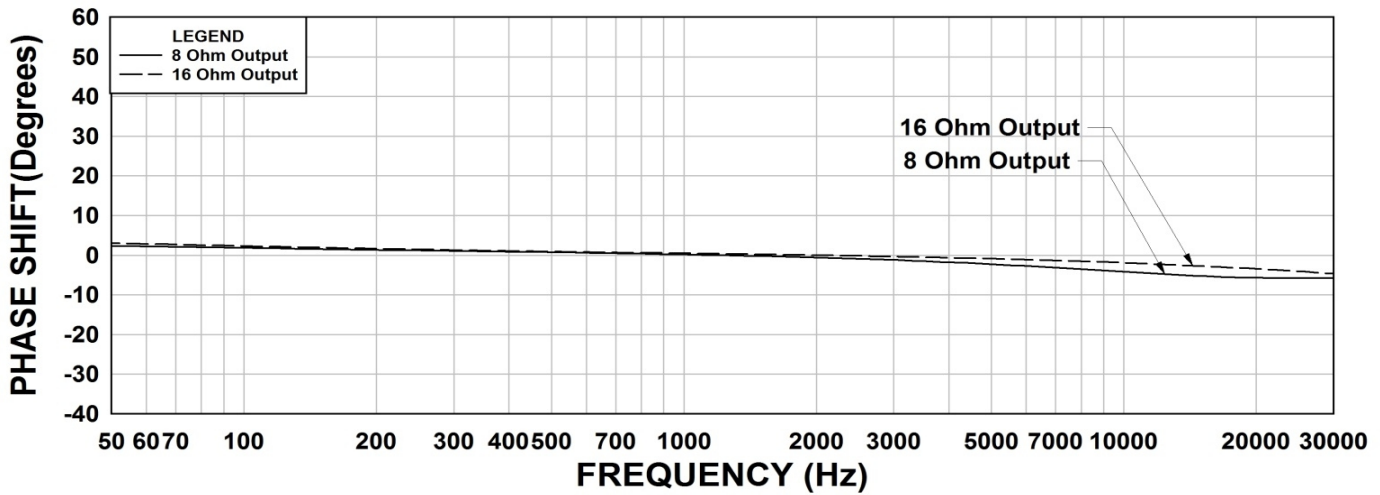
TYPICAL TEST CIRCUIT



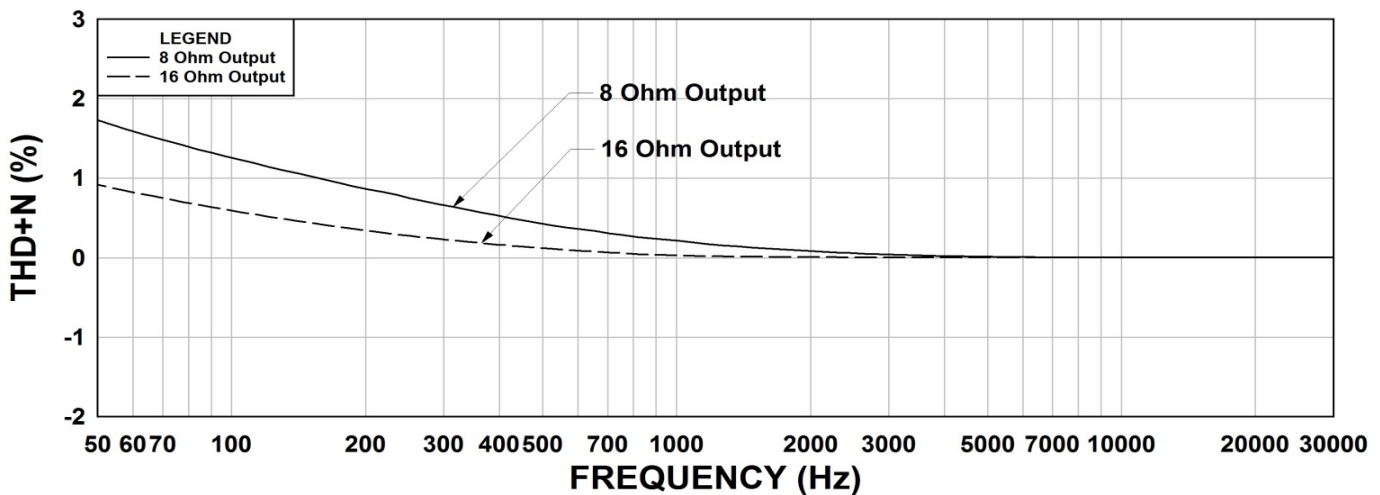
119Y250 Frequency Response



119Y250 Phase Shift



119Y250 THD+N



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