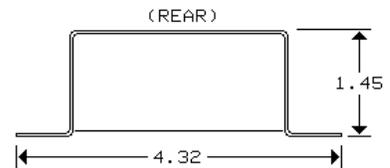
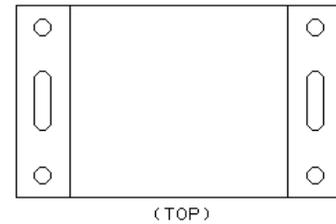
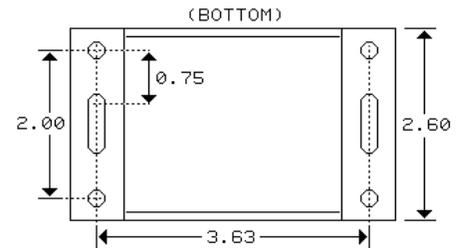
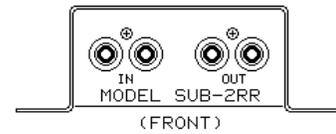


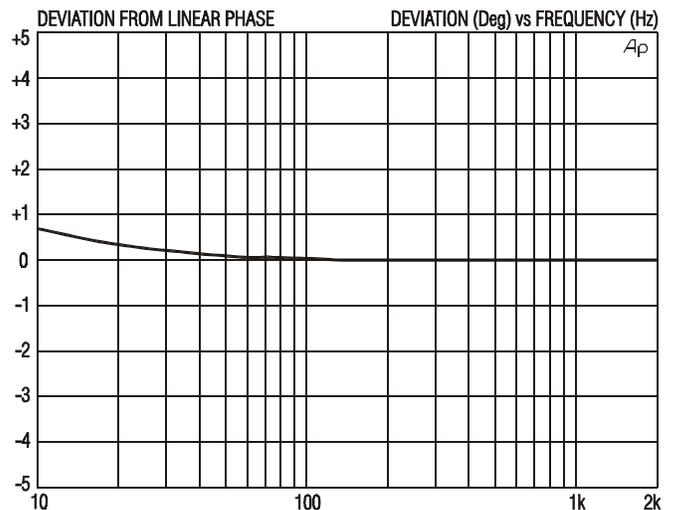
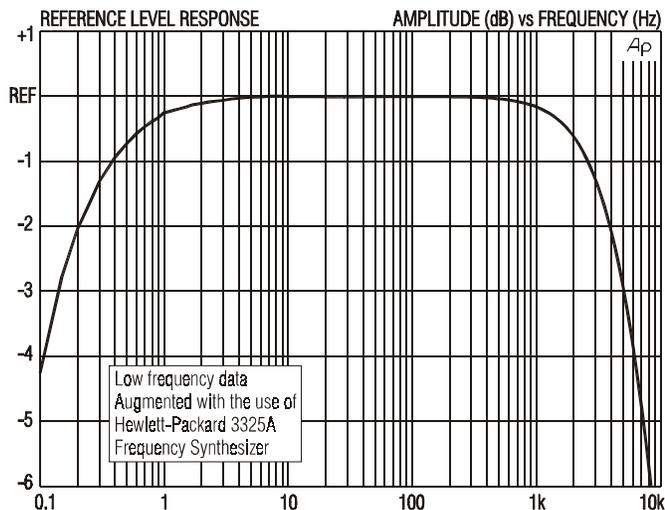
### LOW FREQUENCY AUDIO ISOLATOR IDEAL FOR 2 CHANNEL SUB-WOOFER APPLICATIONS

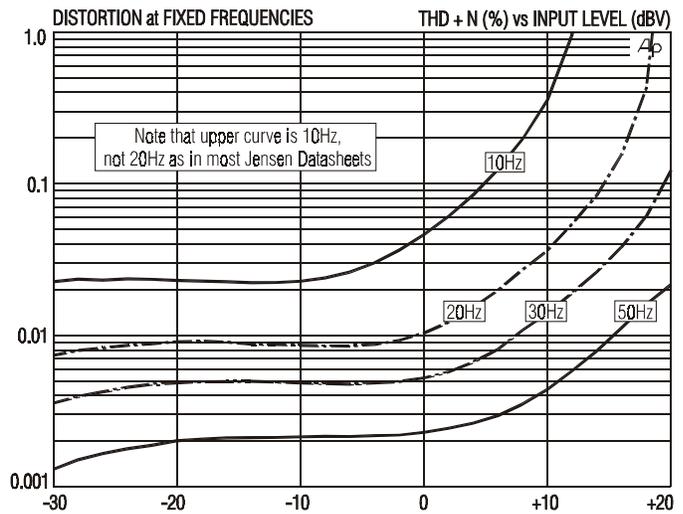
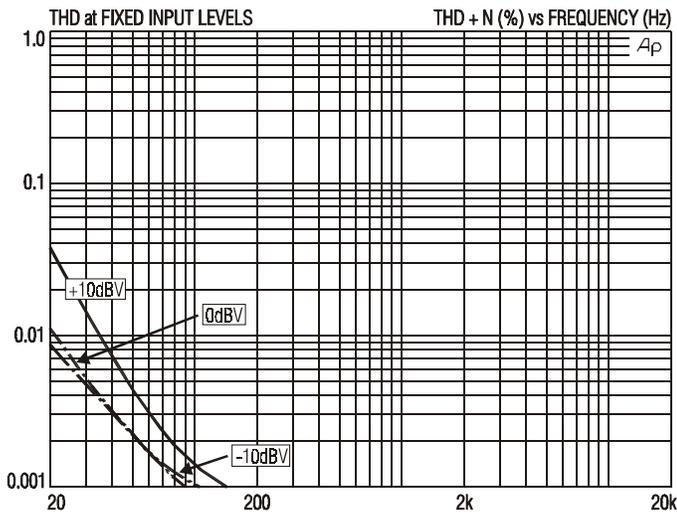
- Eliminates the inherent ground noise coupling mechanism
- Common-mode ground noise rejection of 105 dB at 60 Hz
- Extended low frequency response: -1dB at 0.4Hz, -3dB at 0.15Hz
- Extremely low distortion: 0.01% at 20Hz and -10dBV
- 0dB insertion loss with 600 Ohm source and 47 kOhm load

The specially designed transformers in this unit provide unparalleled low frequency response while providing over 100dB of common mode isolation, to solve even the most difficult sub-woofer installation problems. The zero dB insertion loss also prevents carefully calibrated system levels from being disturbed.



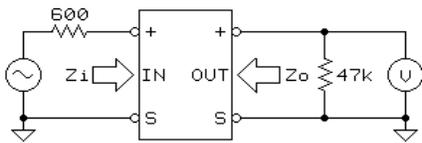
ALL DIMENSIONS IN INCHES



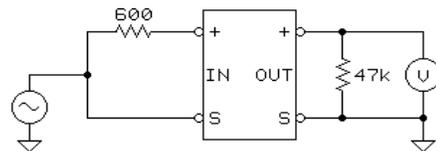


**SUB-2RR SPECIFICATIONS** (all levels are input unless noted, -10 dBV = 316 mV RMS)

PARAMETER	CONDITIONS	MINIMUM	TYPICAL	MAXIMUM
Input impedance, $Z_i$	100 Hz, -10 dBV, test circuit 1	39.0 k $\Omega$	39.4 k $\Omega$	39.8 k $\Omega$
Insertion Loss	100 Hz, -10 dBV, test circuit 1	-0.30 dB	0.00 dB	0.30 dB
Magnitude response, ref 100 Hz	2 Hz, -10 dBV, test circuit 1	-0.25 dB	-0.11 dB	-0.00 dB
	2 kHz, -10 dBV, test circuit 1	-0.8 dB	-0.65 dB	-0.50 dB
Deviation from linear phase (DLP)	10 Hz to 2 kHz, -10 dBV, test circuit 1		+0.7/-0°	$\pm 2.0^\circ$
Distortion (THD)	100 Hz, -10 dBV, test circuit 1		0.001%	
	20 Hz, -10 dBV, test circuit 1		0.01%	0.05%
Maximum 20 Hz input level	1% THD, test circuit 1	+16 dBV	+18 dBV	
Common-mode rejection ratio (CMRR)	60 Hz, test circuit 2		105 dB	
	3 kHz, test circuit 2	50dB	65 dB	
Output impedance, $Z_o$	100 Hz, test circuit 1		5.00 k $\Omega$	
DC resistances	input		1.73 k $\Omega$	
	output		2.74 k $\Omega$	
Capacitance	1 kHz, input to output		85 pF	
Allowable source impedance	(output impedance of device driving the ISO-MAX input)	0	600 $\Omega$	2 k $\Omega$
Allowable load impedance	(input impedance of device loading the ISO-MAX output)	20 k $\Omega$	47 k $\Omega$	$\infty$
Allowable load capacitance	(cable & input capacitance loading the ISO-MAX output)	0	50 pF	1000 pF
Temperature range	operation or storage	0° C		70° C
Input to Output Voltage Difference (see IMPORTANT NOTE below)	input to output shield or either shield to chassis, 60 Hz			24 V RMS 34 V peak



TEST CIRCUIT 1



TEST CIRCUIT 2

**All minimum and maximum specifications are guaranteed.** Unless noted otherwise, all specifications apply at 25°C. Specifications subject to change without notice. All information herein is believed to be accurate and reliable, however no responsibility is assumed for its use nor for any infringements of patents which may result from its use. No license is granted by implication or otherwise under any patent or patent rights of Jensen Transformers, Inc.

**IMPORTANT NOTE: THIS PRODUCT IS NOT INTENDED FOR USE IN CIRCUMSTANCES WHERE THE DC OR PEAK AC VOLTAGE BETWEEN INPUT AND OUTPUT CONNECTIONS EXCEEDS 34 VOLTS OR WHERE ITS FAILURE COULD CAUSE INJURY OR DEATH.**

**JENSEN TRANSFORMERS, INC., 7135 Hayvenhurst Avenue, Van Nuys, CA 91406-3807, USA**  
**(866) 476-6291 • (818) 374-5857 • FAX (818) 374-5856 • www.jensen-transformers.com**