

A-11J

Description:

Triad's **A-11J** Input Transformer provides the durability and precision required in today's demanding designs. **Mu-Metal case** construction for magnetic field immunity and 60 to 80 dB Hum reduction. **Large step-up turns ratio** to couple low-level input signals to the grid of the first amplifier tube or, in a multistage system, to the input element of the first transistor amplifier. Low level **High Fidelity** with excellent Unwanted **Noise reduction**. Applications include signal pre-amplification, inter-stage isolation, signal level step up/down, and impedance matching.

Electrical Specifications (@25C)

Impedance		DCR (Ω)		Turns Ratio	Power Level (mW)
Pri	Sec	Pri	Sec		
50	60k	50	5000	1:28	10
250				1:15	
600				1:10	

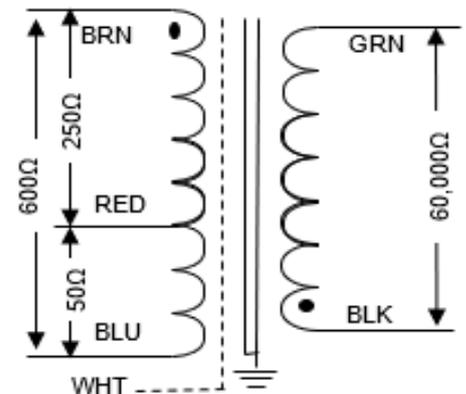
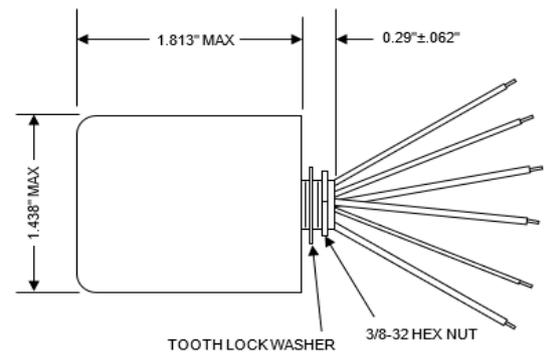
PARAMETER	CONDITIONS	TYPICAL
Frequency Range	---	20 Hz – 20KHZ
Gain	1kHz, $R_s = 600 \Omega$ $R_L = 60k\Omega$	+13.1 dB
Distortion (THD+N%)	1kHz, +8dBu input, $R_s = 600 \Omega$ $R_L = 60k\Omega$	0.007%
	1kHz, +2dBu input, $R_s = 600 \Omega$ $R_L = 60k\Omega$	0.006%
	1kHz, -4dBu input, $R_s = 600 \Omega$ $R_L = 60k\Omega$	0.005%
Max input level (20Hz)	1% THD + N%, $R_s=600\Omega$, $R_L = 60k\Omega$	-1.5 dBu
Frequency response (1 kHz Ref.)	20 Hz, $R_S=600\Omega$, $R_L=60k\Omega$	-0.56dB
	20kHz, $R_S=600\Omega$, $R_L=60k\Omega$	-1.26dB
Phase Shift @ 20Hz	Reference to source generator $R_s= 600\Omega$, $R_L = 60k\Omega$	+39°
Phase shift @ 20kHz		-8°
CMRR	60 Hz	90 dB
	1 kHz	78 dB
Inductance Brn and Blu	2V @60Hz	7H Min.
Dielectric Test	500V @ 60Hz	---
Temperature Rating	Operation & Storage	0°C to 70°C
Weight (grams)	---	123 Typ.

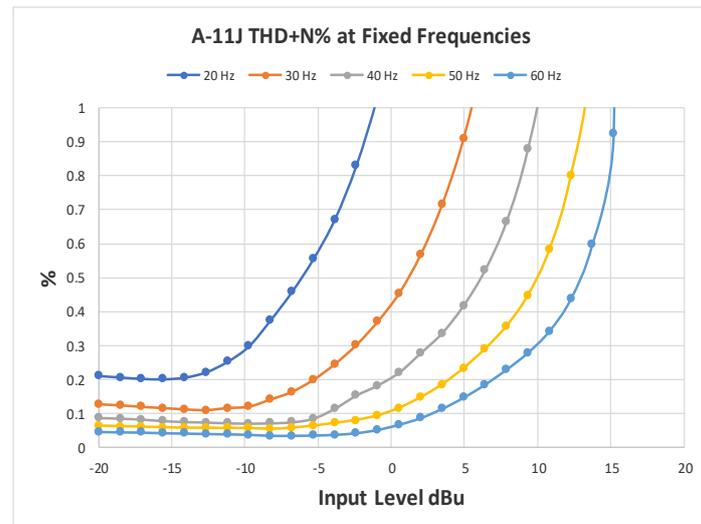
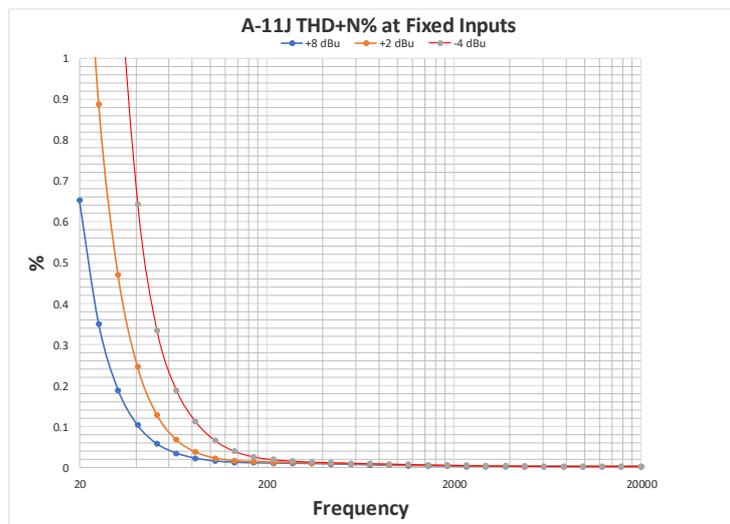
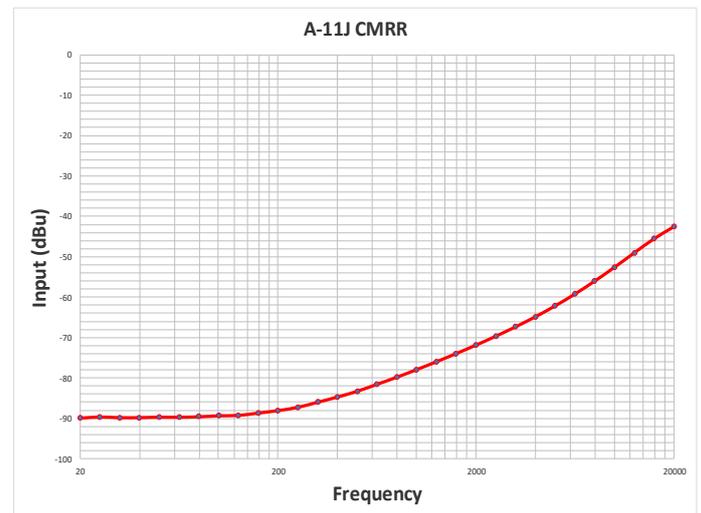
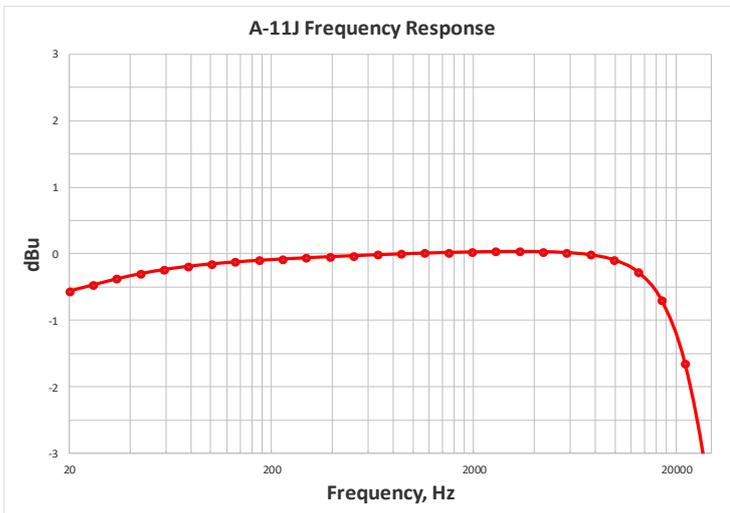
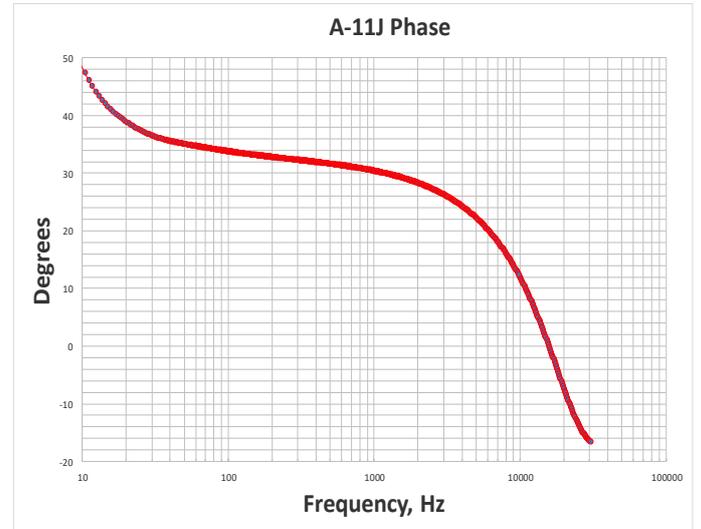
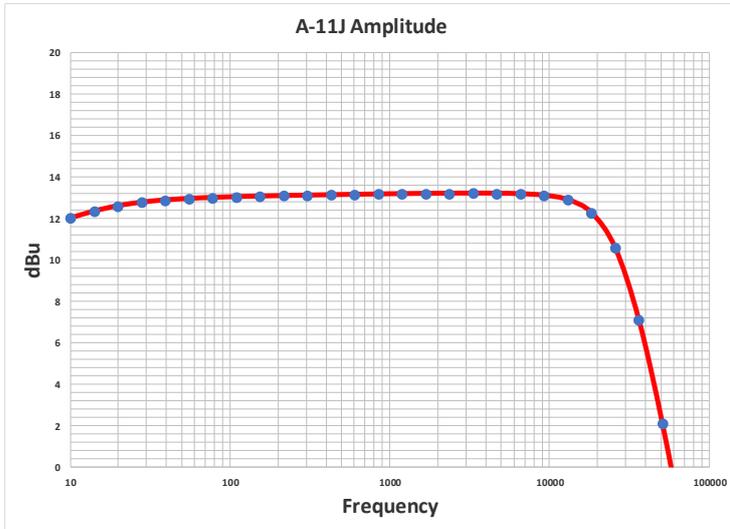
*Upon printing, this document is considered "uncontrolled". Please contact Triad Magnetics for the most current version.



For illustration purpose only

ALL LEADS = 6.0" Min





NOTE: Graph data was taken on a random sample using an Audio Precision Model APX555 Audio Analyzer.