

A-79J

Description:

Triad's **A-79J** Interstage audio 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. Low level **High Fidelity** with excellent Unwanted **Noise reduction**. Uses include Inter-stage coupling, signal level step up/down, and impedance matching to achieve maximum power transfer.

Electrical Specifications (@25°C)

Power level (mW)	Inductance (H)	Impedance (Ω)		DCR (Ω)		Overall Turns Ratio	DWV
	pri	Pri	Sec	Pri	Sec		
200	25 Min	1k	200	315	144	2.2:1	500V
			50		69		

PARAMETER	CONDITIONS	TYPICAL
Operating Frequency		20Hz – 15kHz
Gain	1kHz, $R_s = 1k\Omega$ $R_L = 200\Omega$	- 12.8 dB
Distortion (THD+N%)	1kHz, +25.2dBu Input, $R_s = 1k\Omega$ $R_L = 200\Omega$	0.008%
	1kHz, +0dBu Input, $R_s = 1k\Omega$ $R_L = 200\Omega$	0.03%
	1kHz, 0dBu Input, $R_s = 1k\Omega$ $R_L = 200\Omega$	0.002%
Max input level (20Hz)	1% THD + N%, $R_s = 1k\Omega$ $R_L = 200\Omega$	> 10 dBu
Frequency response (1 kHz Ref.)	20 Hz, $R_s = 1k\Omega$ $R_L = 200\Omega$	- 0.38 dB
	15kHz, $R_s = 1k\Omega$ $R_L = 200\Omega$	- 0.50 dB
Phase Shift @ 20Hz	Reference to source generator $R_s = 1k\Omega$ $R_L = 200\Omega$	+9.4°
Phase shift @ 15kHz		+0.25°
CMRR	60 Hz	132 dB
	1 kHz	107 dB
Temperature Rating	Operation & Storage	0°C to 70°C

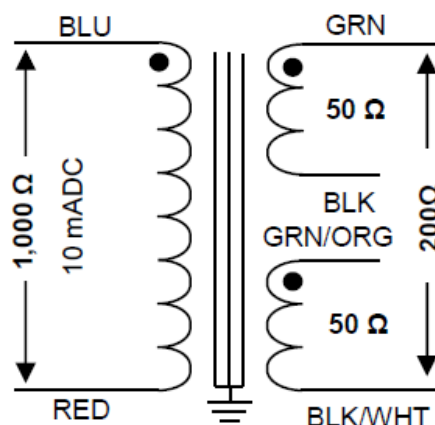
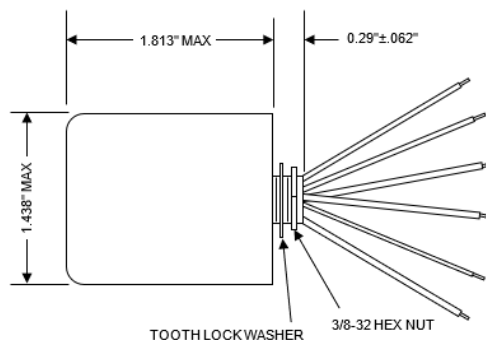
*Upon printing, this document is considered "uncontrolled".

Please contact Triad Magnetics for the most current version.

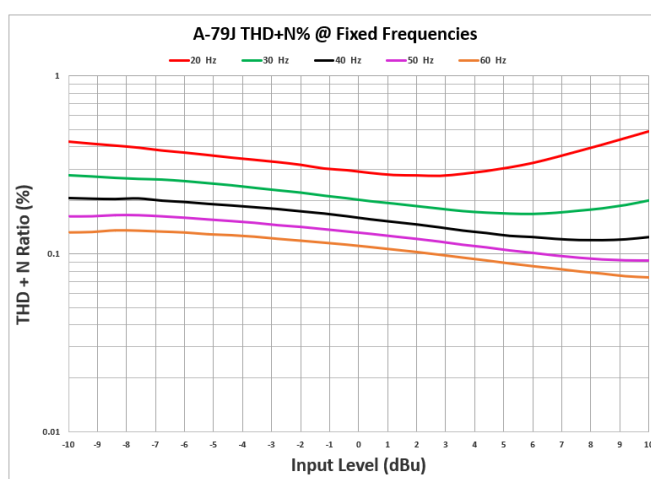
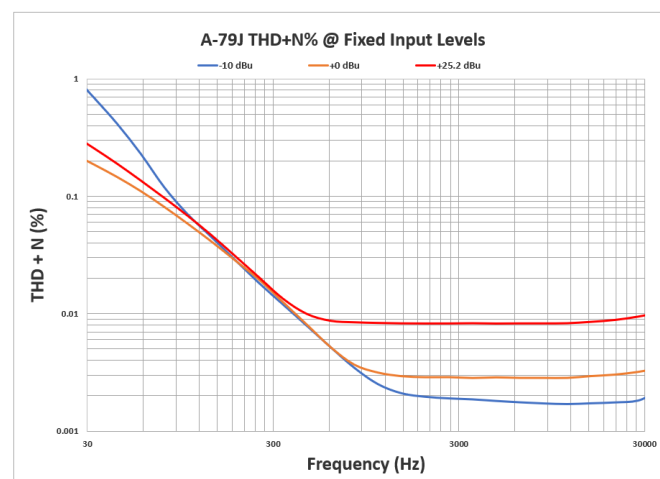
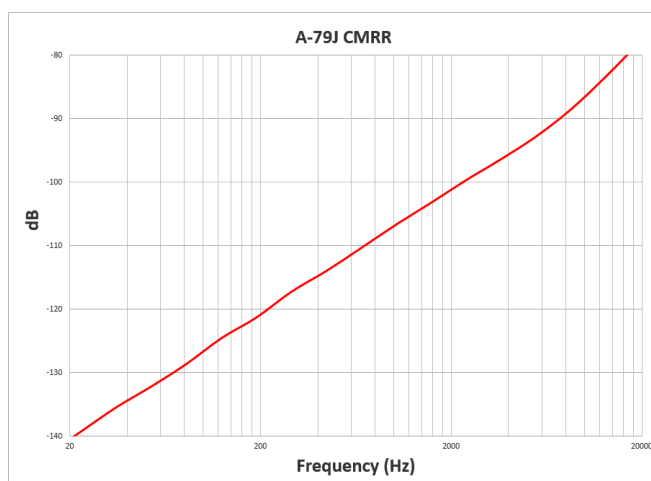
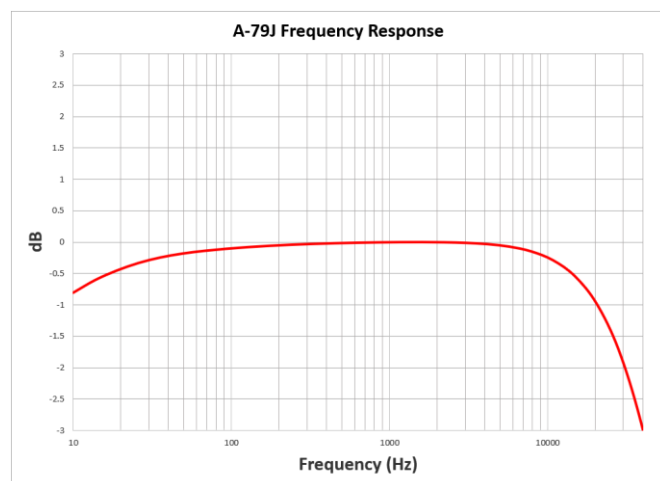
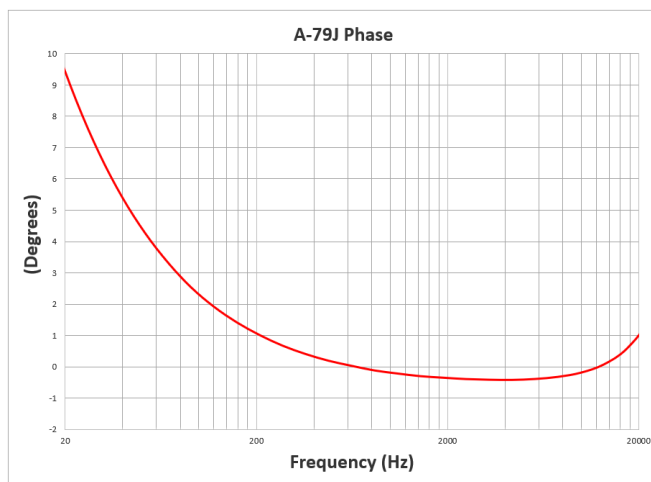
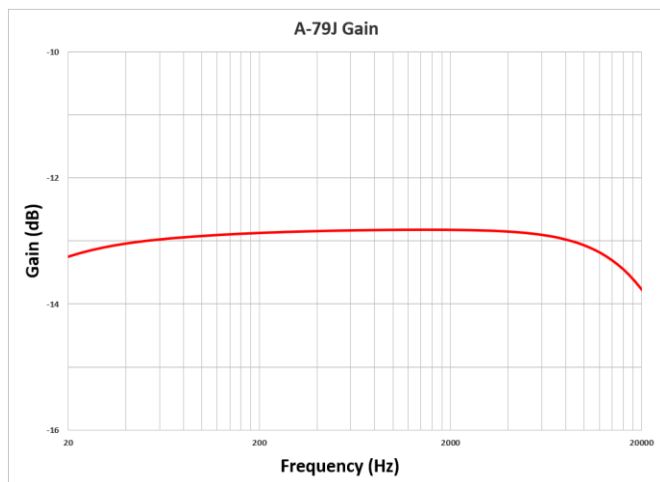


For illustration purpose only

ALL LEADS = 6.0" Min.



SCHEMATIC



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