

A-41J

Description:

Triad's **A-41J** 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 (@25C)

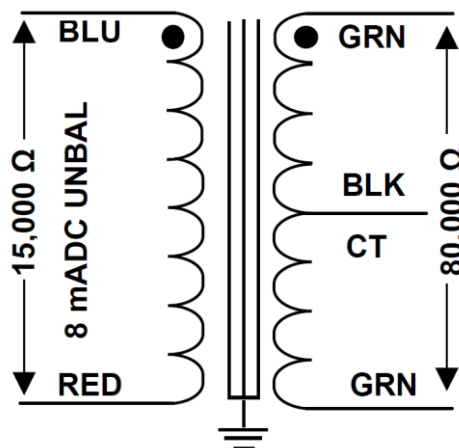
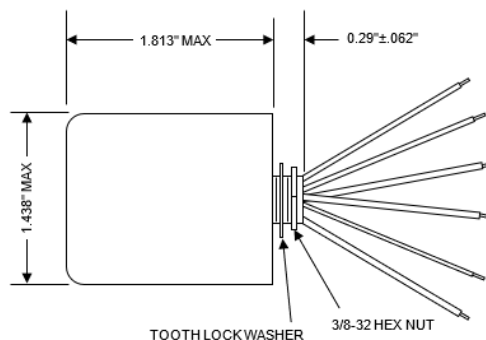
Power level (mW)	Lp (H)	Impedance (Ω)		DCR (Ω)		Overall Turns Ratio	DWV
	Pri	Pri	Sec	Pri	Sec		
32	350 Min	15k	80k/20k	1.5k	9.15k	1:2.3	500V

PARAMETER	CONDITIONS	TYPICAL
Operating Frequency		30Hz – 15kHz
Gain	1kHz, $R_s = 15k\Omega$ $R_L = 80k\Omega$	5.56 dB
Distortion (THD+N%)	1kHz, +25.5dBu Input, $R_s = 15k\Omega$ $R_L = 80k\Omega$	0.0049%
	1kHz, +0dBu Input, $R_s = 15k\Omega$ $R_L = 80k\Omega$	0.01%
	1kHz, -10dBu Input, $R_s = 15k\Omega$ $R_L = 80k\Omega$	0.05%
Max input level (30Hz)	1% THD + N%, $R_s = 15k\Omega$ $R_L = 80k\Omega$	> +25.5 dBu
Frequency response (1 kHz Ref.)	30 Hz, $R_s = 15k\Omega$ $R_L = 80k\Omega$	- 0.40 dB
	15kHz, $R_s = 15k\Omega$ $R_L = 80k\Omega$	- 1.1 dB
Phase Shift @ 30Hz	Reference to source generator $R_s = 15k\Omega$ $R_L = 80k\Omega$	+9.3°
Phase shift @ 15kHz		+0.65°
CMRR	60 Hz	87 dB
	1 kHz	63 dB
Temperature Rating	Operation & Storage	0°C to 70°C



For illustration purpose only

ALL LEADS = 6.0" Min.



SCHEMATIC

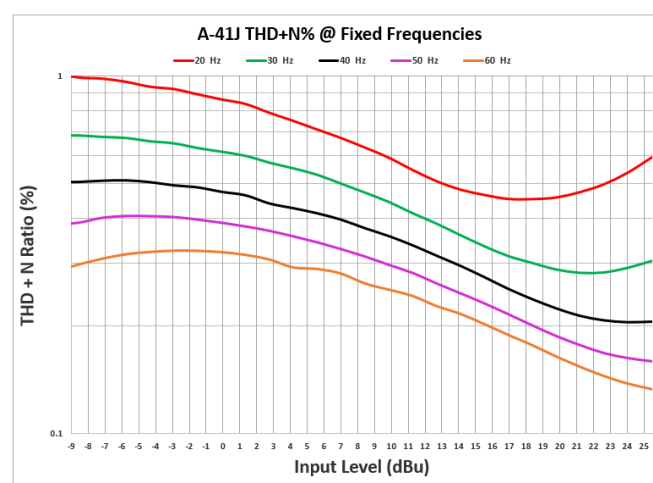
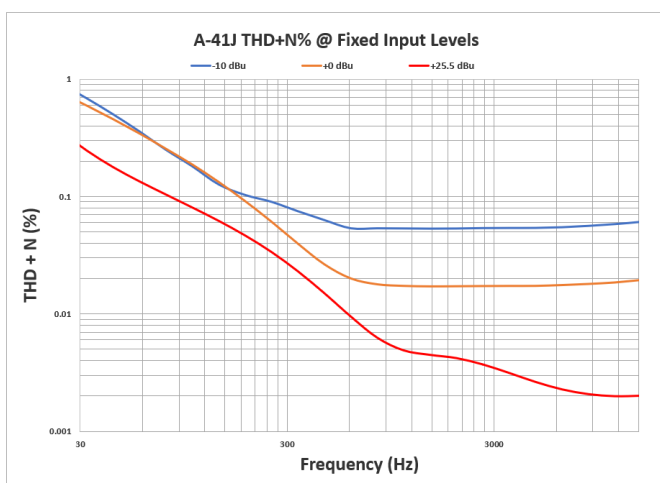
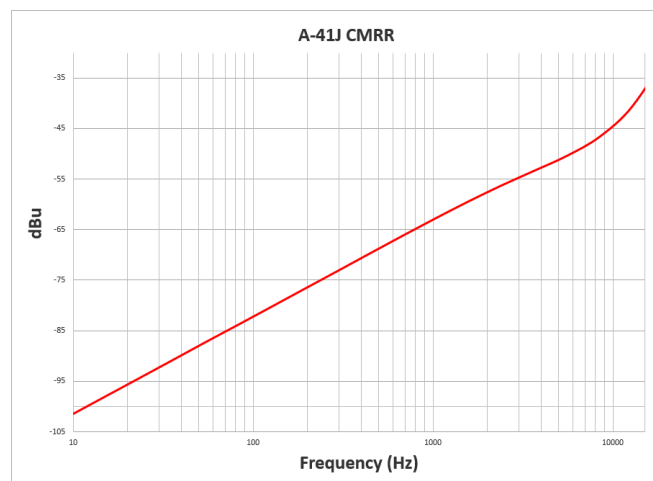
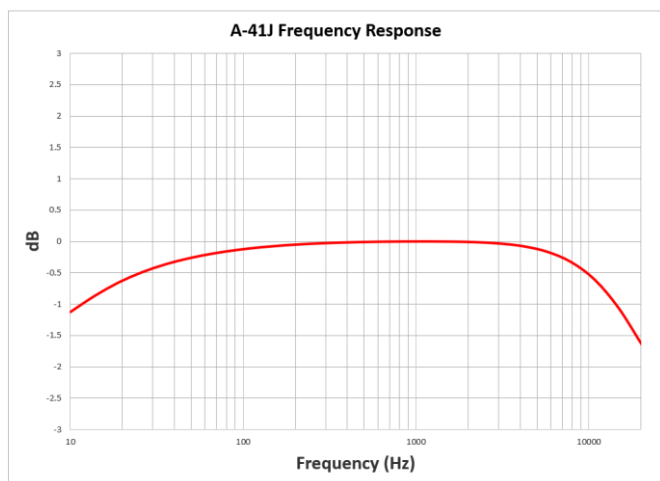
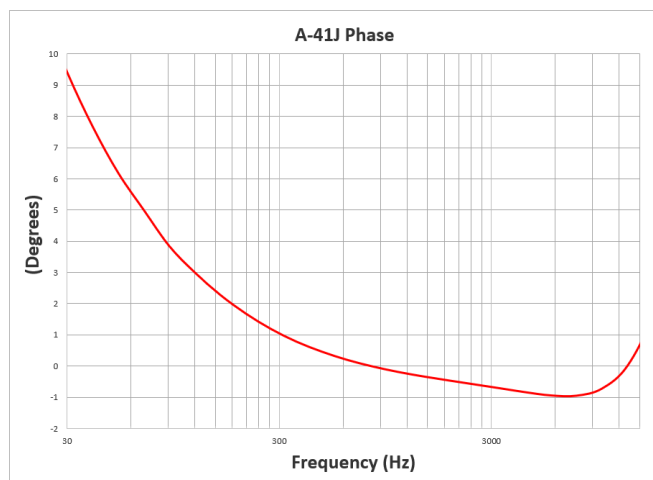
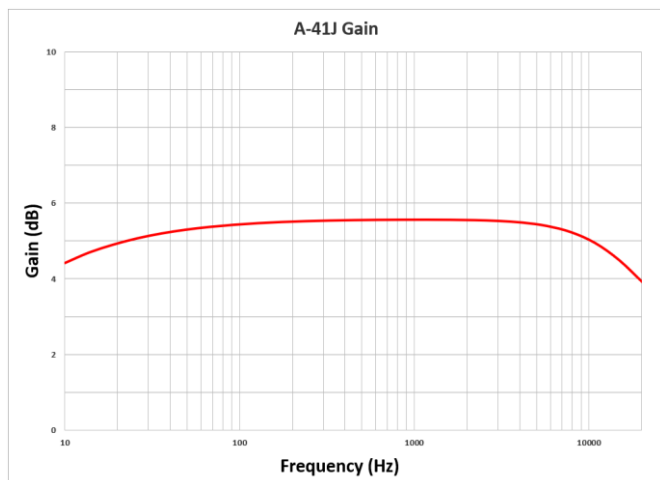
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Please contact Triad Magnetics for the most current version.

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Publish Date: August 15, 2025



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