



REICHENBACH ENGINEERING



CM-24628

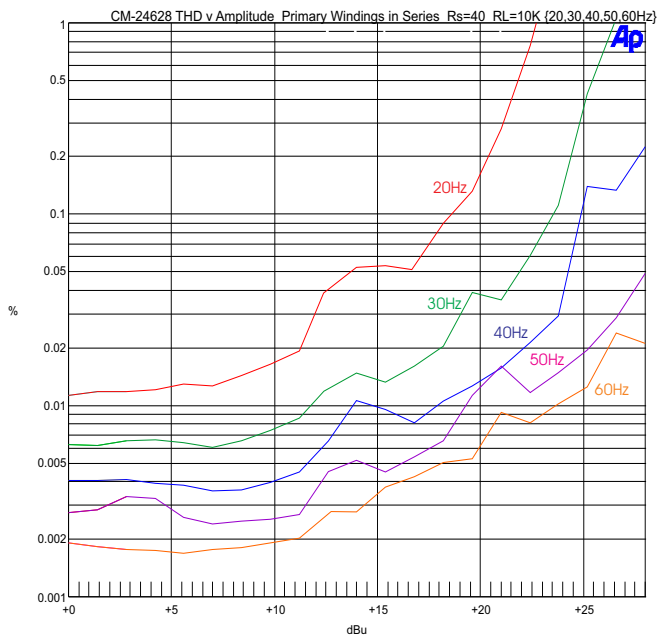
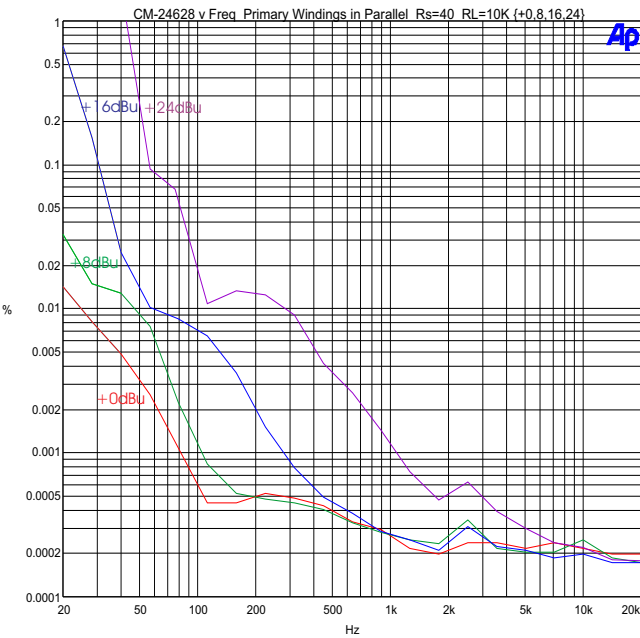
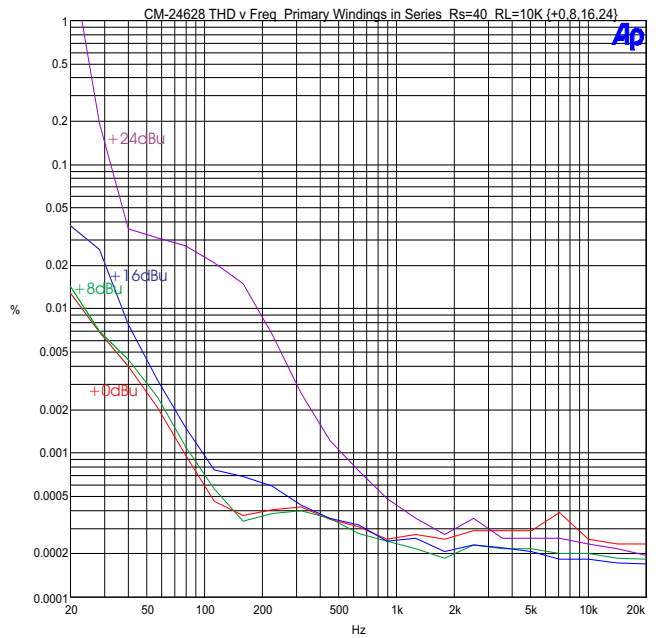
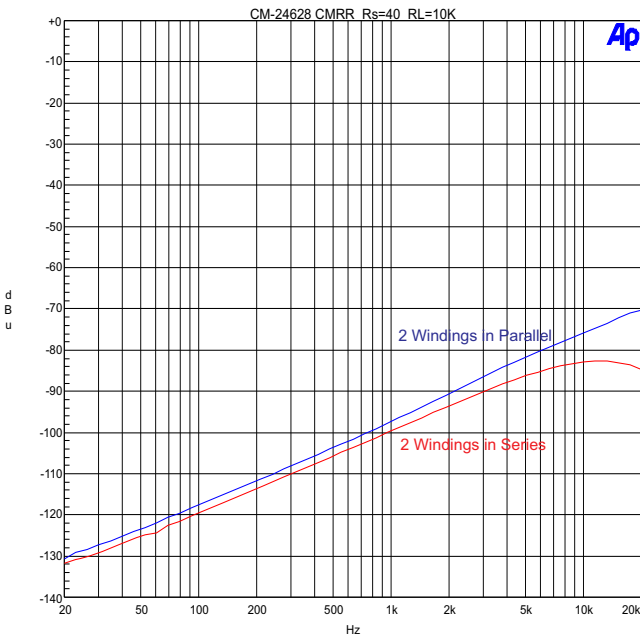
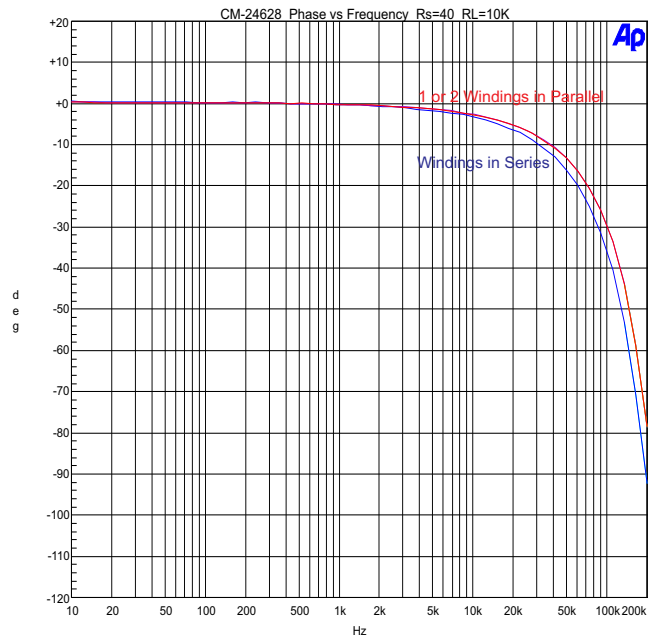
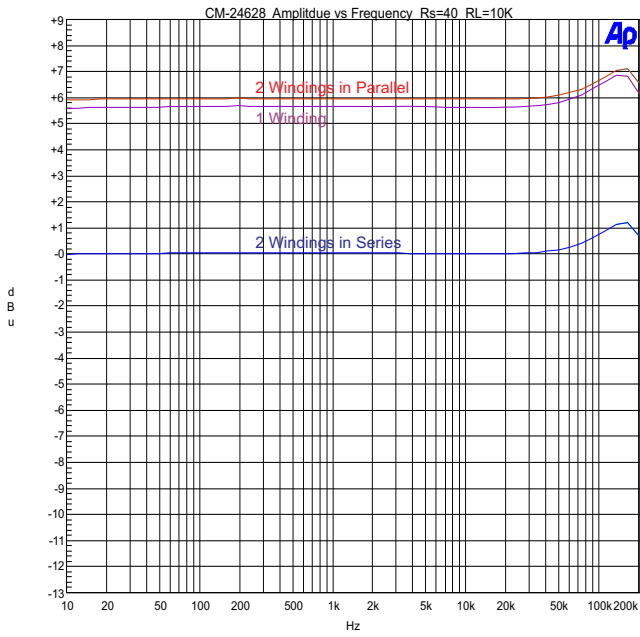
Line Input Transformer 1+1: 2 Turns ratio

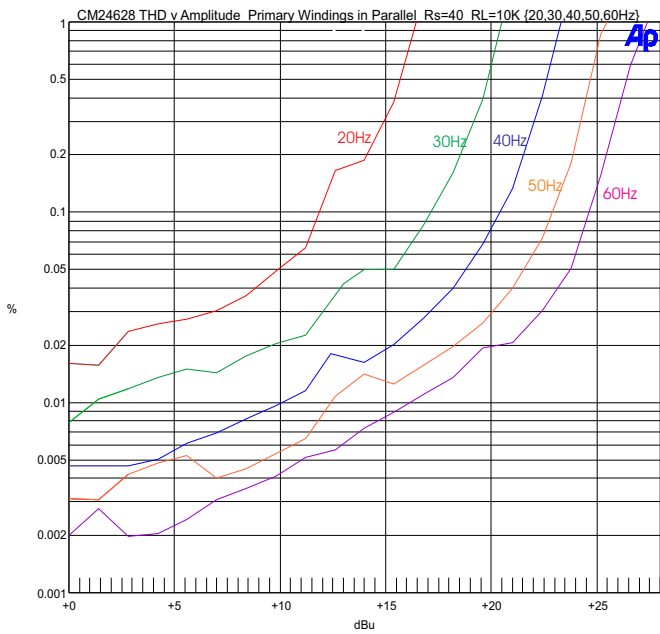
- 10K Ohm line input transformer
- Audiophile/Professional Grade
- XLR/RCA Input with level adjustment for RCA
- Excellent bandwidth (+0.2dB dB at 50 kHz/Peaks +1.2dB at 150kHz)
- Excellent CMRR
- Maximum signal level at 20Hz:
 - Series primary windings hookup +22dBu/+19.8dBV
 - Parallel primary windings hookup +16dBu/+13.8dBV

The CM-24628 is a high input impedance very high signal level line transformer. It has excellent bandwidth, common mode rejection ratio (CMRR), and distortion characteristics. It is available either in a printed circuit pin package or with lead wires (with and without threaded bushing or threaded studs). The CM-24628 is encased in a μ -metal can which provides more than 30 dB magnetic shielding. As with all CineMag transformers, the wires from the internal foil shields between windings are all spot welded for maximum long term reliability.

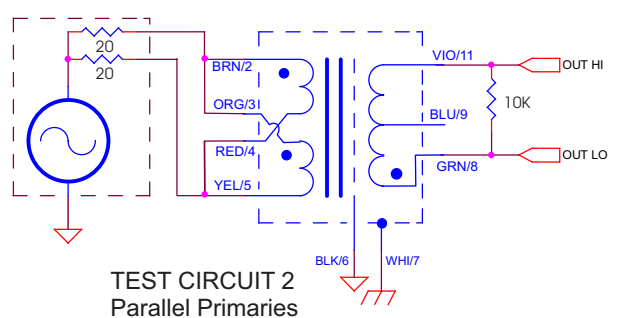
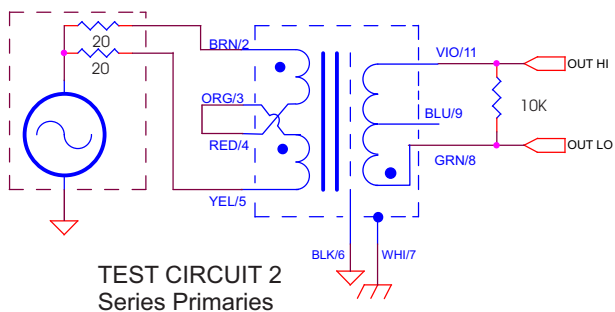
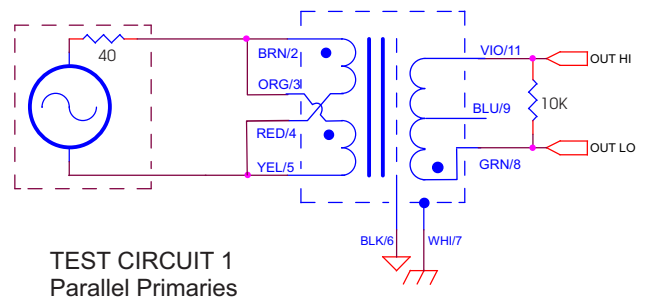
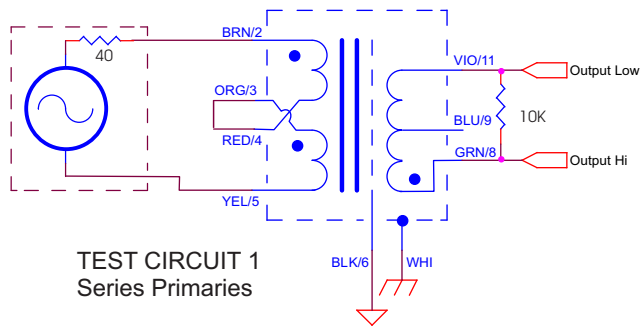
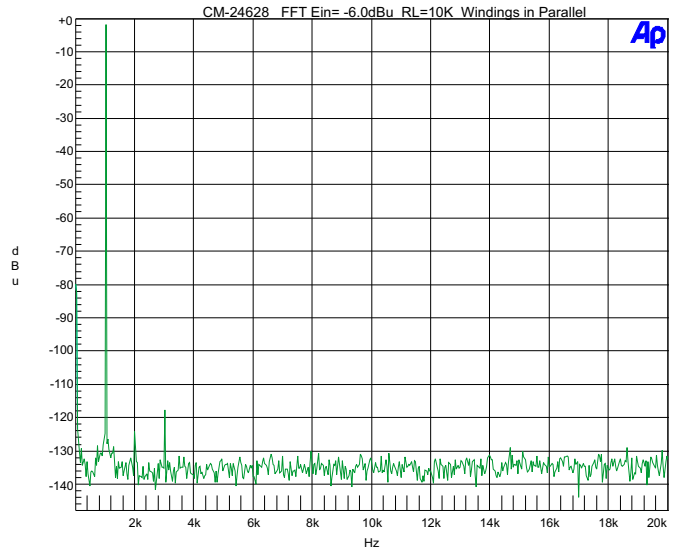
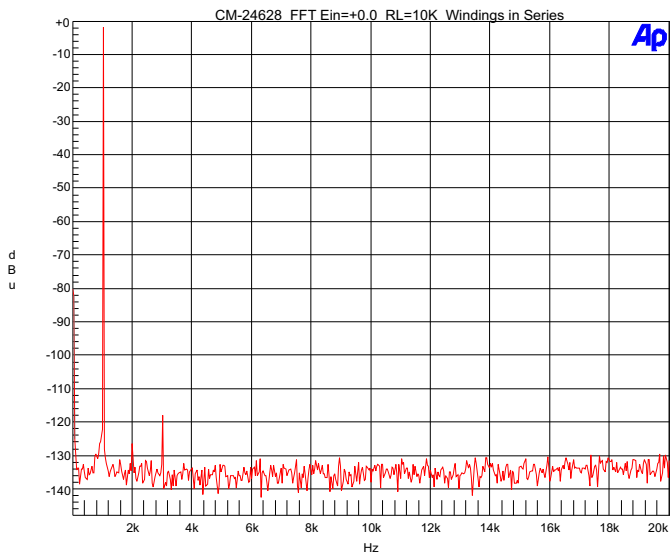
CM-24628 CM-24628PC

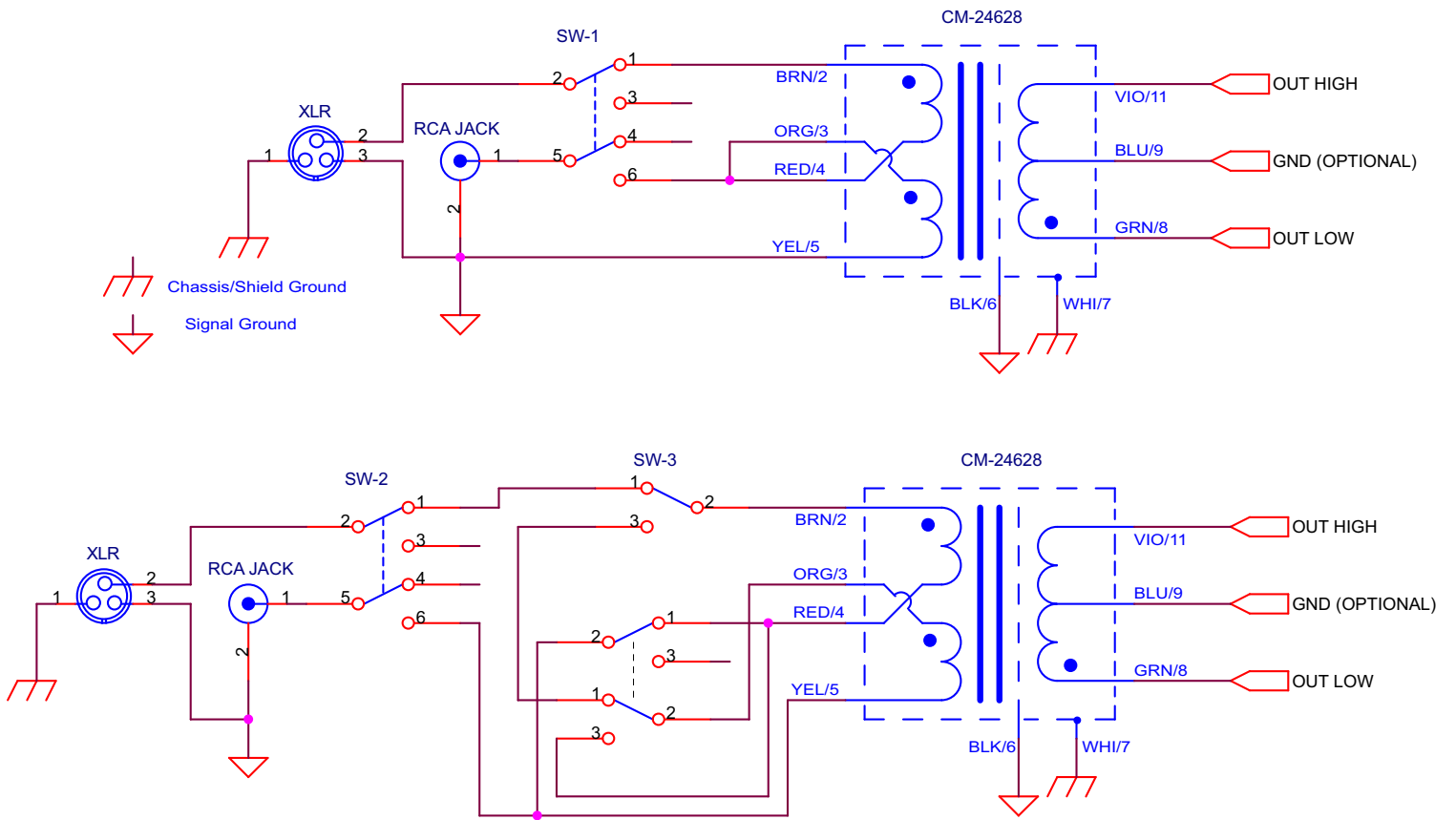
Parameter	Conditions	Typ
Turns Ratio		1+1 : 2.00
Distortion (THD+N%) (Series primaries)	1 kHz, +0.0 dBu Test Circuit 1 20 Hz, +0.0 dBu Test Circuit 1	0.0005% 0.01%
Max 20 Hz input level (Series primaries)	1.0% THD; 40 Ω input, 10K secondary load impedance Test Circuit 1	+22dBu +19.8dBV
Response, ref 1 kHz	10 Hz Rs=40 RL=10K Test Circuit 1 20 kHz Rs=40 RL=10K Test Circuit 1 50kHz	-0.01dBu +0.01dBu +0.2dBu
Phase Shift at 20 Hz Phase Shift at 20 kHz	Referenced to source generator Test Circuit 1	+0.05° -7°
CMRR	60 Hz Test Circuit 2 per IEE Std 389 ¶19 1 kHz Test Circuit 2 per IEE Std 389 ¶19	>120dB 100dB
Operating Temp Range	Operation and storage	0° C Min 70° C Max
Max Soldering Temp (printed circuit pins)	5 Seconds	270° C Max





All graphs generated from one (1) randomly chosen device. No statistical averaging or weighting. Data from one (1) sweep.





NOTE: Input selection necessary (SW-1 & SW-2). Without them, if sources are plugged into both the RCA and XLR inputs at the same time, they may interfere with each other. The respective signals may be summed together and they will load each other.

