



QUALITY MAGNETICS SINCE 1979

# CM-10100

## Bifilar Line Output Transformer 1 : 1 Turns ratio

- Ideal for “Consumer Audio” output transformer applications
- Low THD (0.015% typ @ 20Hz at +0.0dBu - "high-nickel" laminations)
- Wide bandwidth & Low phase shift
- Low insertion loss
- Low profile PC Mount

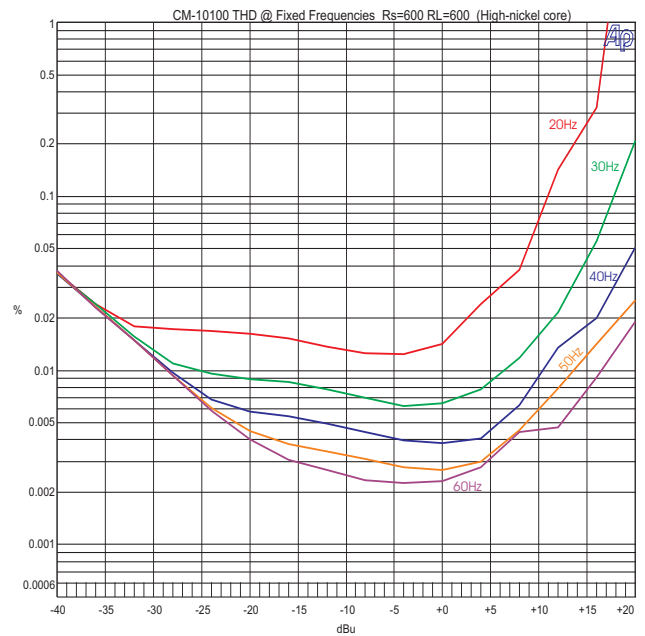
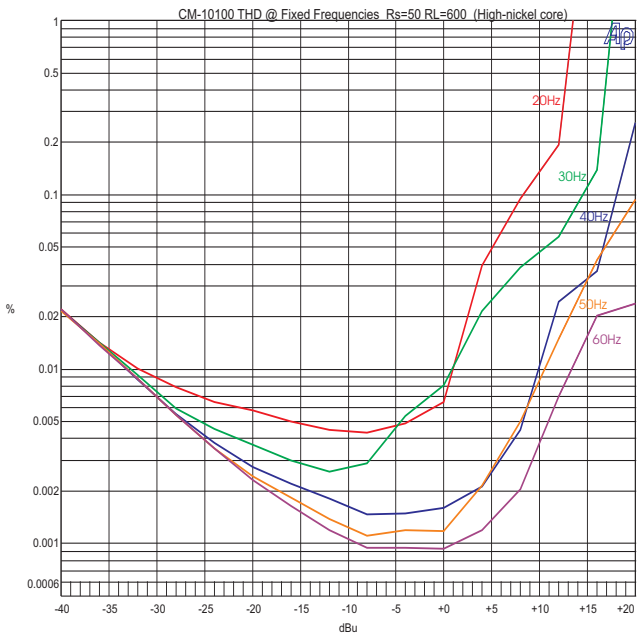
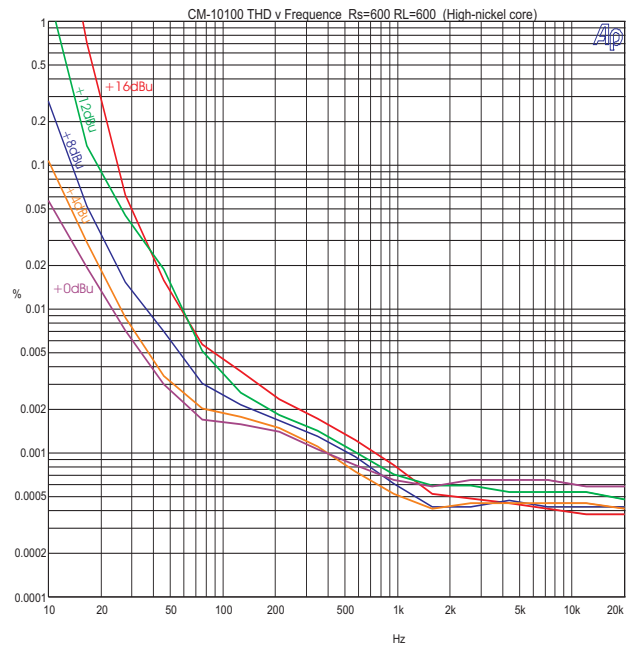
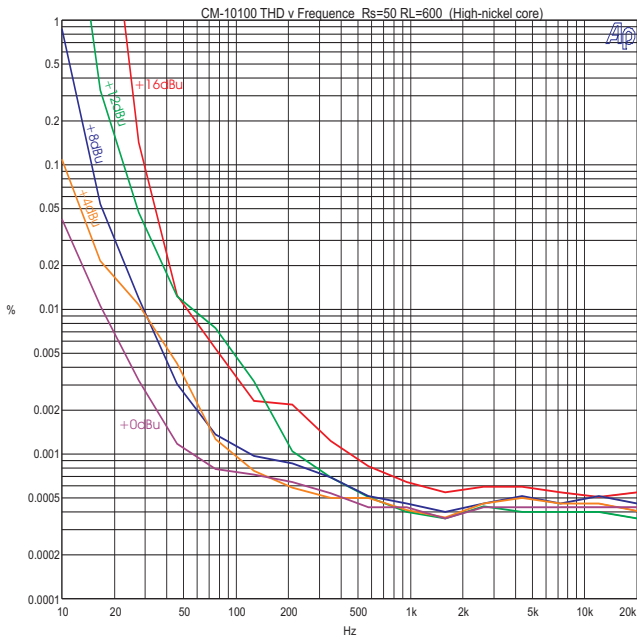
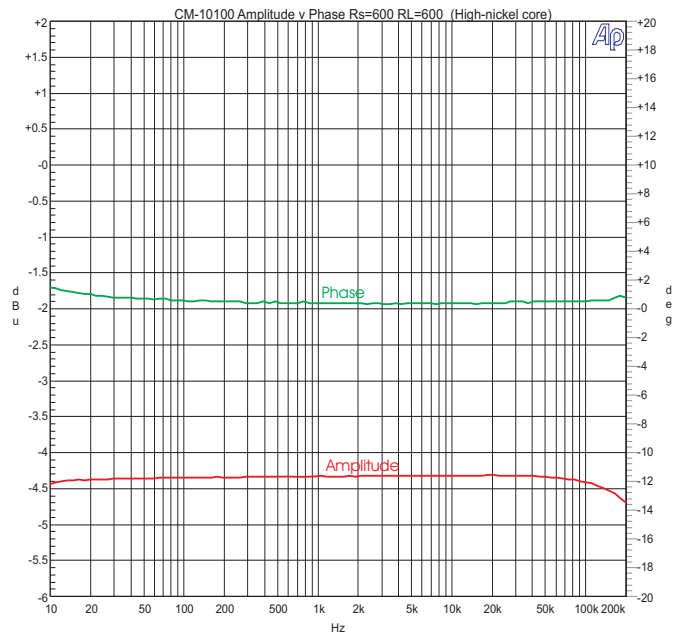
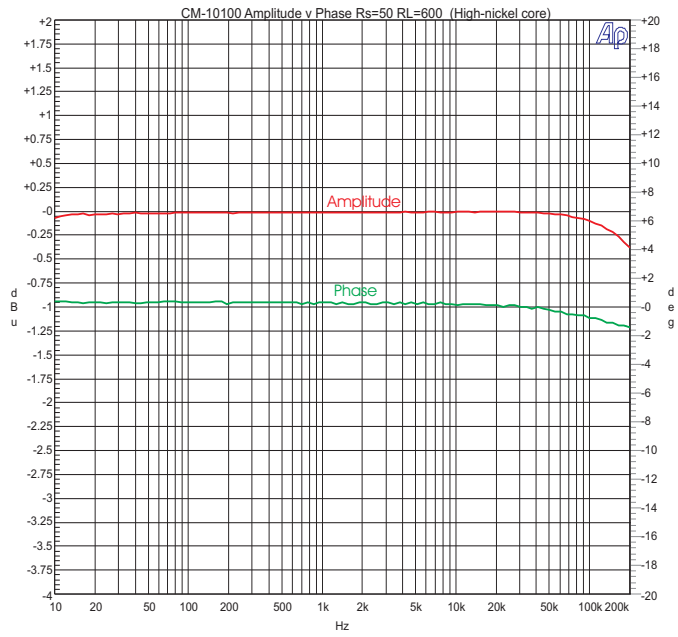
The CM-10100 is a high performance output transformer having a small footprint. The maximum operating level at 20Hz is +13dBu (+10dBV) with a source impedance of 50 Ohms and loaded with 600 Ohms. Its bandwidth is essentially flat from 10Hz through 50kHz.

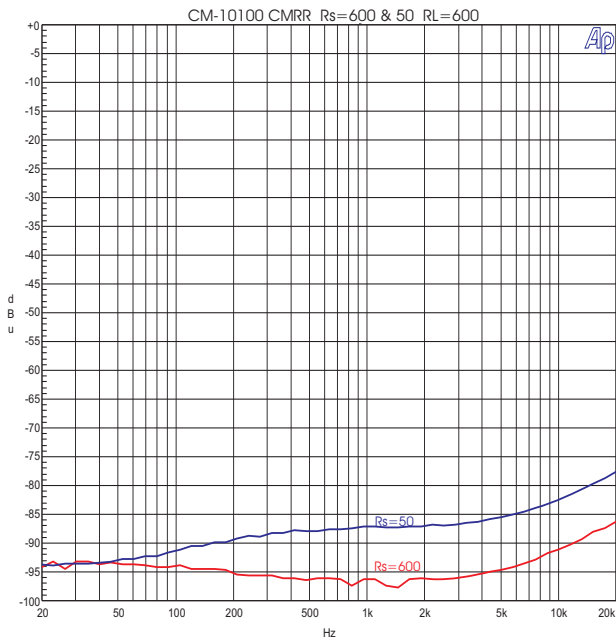
### CM-10100

Parameter	Conditions	Typ
Turns Ratio		1 : 1.00
Input Impedance, Zi	f=1kHz RL=10K Test Circuit 3	9.8K
Voltage Gain	Rs=50 RL=10K f=1kHz Test Circuit 1	-0.14dBu
Distortion (THD+N%)	1kHz +0.0dBu Rs=50 RL=600 20Hz +0dBu Test Circuit 1	0.0004% 0.015%
Max 20Hz input level	Rs=50 RL=600 Test Circuit 1	+13dBu
Phase Shift at 20 Hz Phase Shift at 20 kHz	Rs=50 RL=600 Test Circuit 1	nil -1°
CMRR	60 Hz Test Circuit 2 per IEE Std 389-1996 ¶19 1 kHz Test Circuit 2 per IEE Std 389-1996 ¶19	-93dBu -84dBu
Operating Temp Range	Operation and storage	0° C Min 70° C Max
Max Soldering Temp (p.c.)	10 Seconds	270° C Max

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NOTES:

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

