



Reichenbach Engineering



# CM-5722

## Microphone Output Transformer 9.5:1 Step-down BV-107 Style

- High-nickel core
- Very wide bandwidth & low phase shift
- Low profile package

The CM-5722 microphone output transformer delivers excellent bandwidth along with very good distortion characteristics. It works very well with high-impedance vacuum circuits including triode output stages. It is styled after the BV107, and includes a copper foil for grounding the lamination stack. Its hum-bucking construction gives it very good immunity from stray magnetic interference and contributes to its excellent CMRR.

### CM-5722

Parameter	Conditions	Typ
Turns Ratio		6.9:1
Distortion (THD+N%)	1 kHz, +10.0 dBu Rs=10K Test Circuit 1 20 Hz, -20 dBu Test Circuit 1	0.0015% 0.2%
Max 20 Hz input level	1.0% THD+N% Rs=10K RL=1.5K Test Circuit 1	+12 dBu
Response, ref 1 kHz Rs=10K RL=1.5K	20 Hz -20 dBu Test Circuit 1 20 kHz -20 dBu Test Circuit 1 -3 dB	-0.2 dB +0.05 dB >200 kHz
Phase Shift at 20 Hz Phase Shift at 20 kHz	Referenced to source generator Rs=10K RL=1.5K Test Circuit 1	+3° -4°
CMRR	60 Hz Test Circuit 2 per IEE Std 389-1996 ¶19 1 kHz Test Circuit 2 per IEE Std 389-1996 ¶19	>125 dB >125 dB
Operating Temp Range	Operation and storage	0° C Min 70° C Max



