

SOWTER TYPE 1303

Output Transformer for Neumann U47 or U87 Microphone

Applications

For use in condenser microphones with valve or solid state amplifier. Replacement transformer for Neumann U47 or U87 microphones. Ratio 9:1. Sowter designed transformer similar to Neumann U1 with a single secondary winding. Internal electrostatic shield to ensure good common mode rejection. Mumetal can with colour coded leads 34 mm dia. x 24 high.

Features

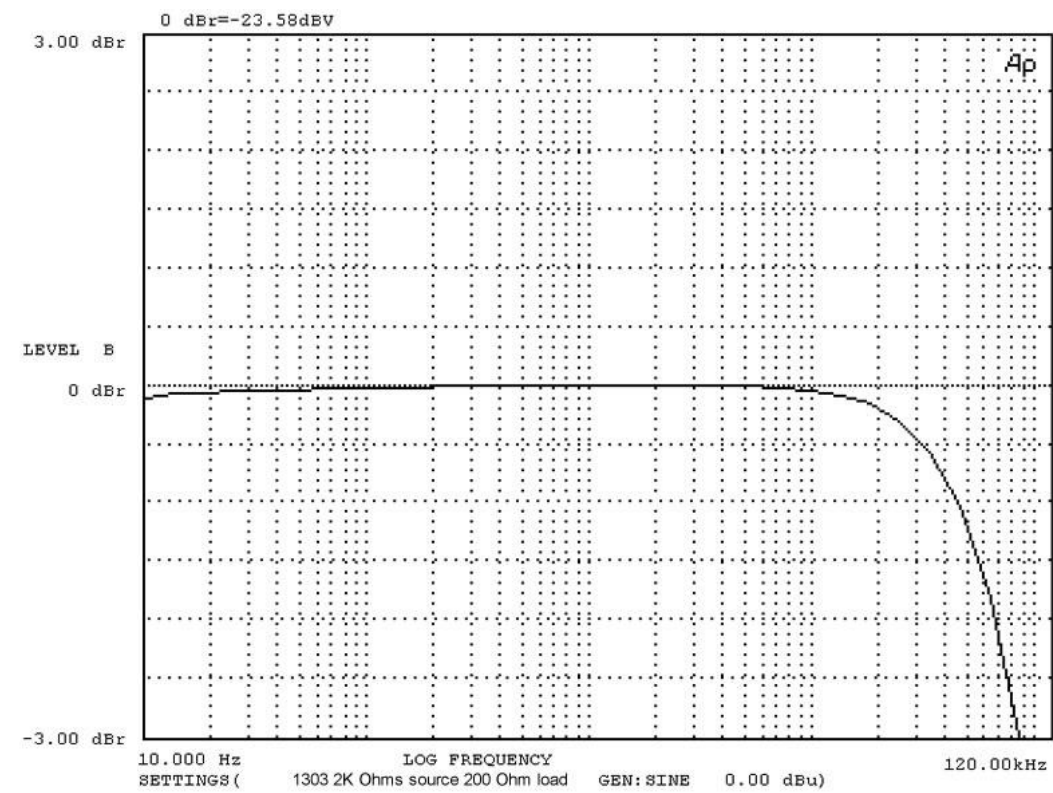
High primary inductance presents minimal load to driving circuitry at very low frequencies. Multiple interleaved winding sections to ensure best possible high frequency response and minimal phase distortion. Mumetal core for minimal harmonic distortion. Internal electrostatic shield to ensure a fully balanced output at high frequencies. Mumetal can for magnetic shielding.



Specifications

Item	Value
RATIO	9:1
PRIMARY INDUCTANCE	220 H approx
DCR (primary)	980 Ohms
DCR (secondary)	17 Ohms
FREQUENCY RESPONSE 2000 Ohm source 200 Ohm load. (-3 dB points)	4 Hz to 90 KHz

Mechanicals



1303f

