

SOWTER TYPE 1010

High Level Mumetal Line Output Transformer

Applications

15k to 600 ohm Line Output Transformer
UTC A24 replacement.

For use in a high-performance valve compressor/amplifier etc. Designed for use with an ac coupled cathode follower or SRPP circuit driving a nominal 600 ohm line. No dc is permitted in the primary winding.

Replacement for UTC type A24 with much improved performance as used in the Teletronix 1968 LA-2A.

Features

Combination core using High grade Grain Oriented Silicon Iron (M6) and Mumetal (76% Nickel). This provides minimal harmonic distortion, a high-level capability, exceptional bandwidth and transient response which is maintained over a dynamic range of 100 dB or more. Minimal low frequency phase shift. Low dc resistance ensures the possibility of a pre-amp with a very low output impedance.

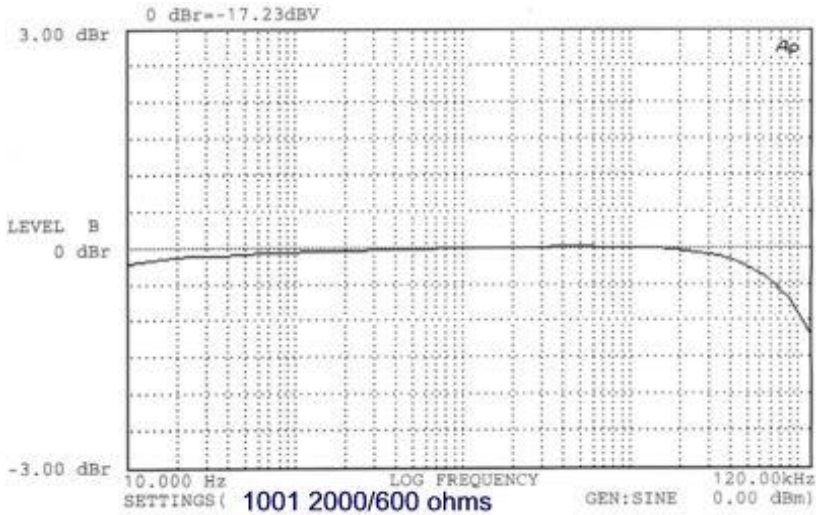
Ratio 5:1. 15k/600 ohms output transformer for driving balanced line from ac coupled cathode follower or SRPP circuit. Total dc resistance ref secondary 30 ohms. Colour coded leads (Type 1010A) or PCB pins (Type 1010B). Size A. Max output level +30 dBu. 50% Mumetal core for exceptional bandwidth and dynamic range. Similar to UTC A24 and Triad HS-50 (in overall 5:1 configuration) but with improved bandwidth. Fits Drip Electronics OPTO 4 PCB. Pro Audio Size K.



Specifications

Item	Value
RATIO	5 : 1
MAXIMUM OUTPUT LEVEL 0.5 % THD at 50 Hz (40 ohm source)	+30 dBu
DISTORTION at 50 Hz (Source 40 ohms)	0.05% at +20 dBu
PRIMARY INDUCTANCE	97 H approx
DCR Primary	115 Ohms approx
DCR Secondary	25.3 Ohms approx

Mechanicals



1010

