

SOWTER TYPE 8940

Teletronix Drip Opto 4 LA-2A 5K/600 Line op.

Applications

For use in a high-performance valve compressor/amplifier etc. Designed for use with a cathode follower or other low impedance source ideally 600 Ohms or less driving a nominal 600 ohm line. A good quality capacitor must be used to isolate the transformer from the dc voltage of the driving stage. No dc is permitted in the primary winding.

Ratio 3:1. 5k/600 ohms output transformer for driving balanced line from ac coupled cathode follower or SRPP circuit. Total dc resistance ref secondary 17 ohms. Colour coded leads (Type 8940A) or PCB pins (Type 8940B). Size A. Max output level +29 dBu.

50% Mumetal core for exceptional bandwidth and dynamic range. Suitable for Altec 1566a. Tested with Drip Electronics OPTO4 PCB where it should be used in conjunction with type 4383 input transformer.

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. Internal electrostatic shields to maximise output balance and noise immunity. Minimal low frequency phase shift. Low dc resistance ensures the possibility of a pre-amp with a very low output impedance.



Specifications

Item	Value
RATIO	3:1
MAXIMUM LEVEL 0.5 % THD at 50 Hz (40 ohm source)	+28 dBu
DISTORTION at 50 Hz (Source 40 ohms)	0.05% at +20 dBu
PRIMARY INDUCTANCE	25 H approx
DCR Primary	58 Ohms approx
DCR Secondary	10 Ohms approx

Mechanicals

