

SOWTER TYPE 9610 200/20k Microphone Input Transformer

Applications

High performance mic input. 1:10 ratio. 200/20k Ohms. Similar to 4935 but increased ratio +12 dBu. Suitable for Telefunken V72 input (without 50 ohm option) and Midas Venice consoles. Replaces our type 1948 for the Ian Thompson-Bell mixer. Mumetal can 34 mm dia. with package options. High gain 200 ohm microphone input transformer matching to a high input impedance amplifier. For reduction of most kinds of noise caused when equipment is connected. For helping to ensure Electromagnetic Compatibility (EMC) standards compliance. May be used for balanced to unbalanced conversion and vice versa.



Features

Mumetal core for minimal harmonic distortion. Internal electrostatic shields for maximum common mode noise rejection at high frequencies. Multiple interleaved windings ensure low leakage inductance for excellent high frequency response. Mumetal can for magnetic shielding. Centre tap for phantom powering. Similar to type 4935 but 1:10 ratio and only slightly reduced bandwidth.

Specifications

Item	Value
RATIO	1ct:10
DC RESISTANCE (Primary)	5.2 Ohms
DC RESISTANCE (Secondary)	520 Ohms
MAXIMUM LEVEL 0.5 % THD at 50 Hz (40 ohm source)	+12 dBu
DISTORTION at 50 Hz (40 ohm source)	0.05 % at +6 dBu
INSERTION LOSS 200ohm source 20 k load	0.67 dBu
INPUT/OUTPUT BALANCE	>60 dB
FREQUENCY RESPONSE 200 ohm source 30k ohm load	+/- 0.25 dB 15Hz to 25 kHz

Mechanicals



