

SOWTER TYPE 9540 200/200 Mic isolator/balancer

Applications

General purpose high performance 200 ohm 1:1 transformer. For isolating and balancing a 200 ohm line or microphone input +10 dBu at 50 Hz. May be used as a splitter so one microphone can feed 2 desks One direct, and the other isolated. Mumetal can with colour coded leads. Identical to type 7026. Optional Soundcraft mic input. High impedance presents minimal load to source even at 15 Hz. Mumetal core for minimal harmonic distortion. Internal electrostatic shield for high common mode noise rejection. Mumetal can for magnetic shielding. Secondary centre tap for phase splitting etc. Various package options. This transformer is identical to type 7025 which was designed for Soundcraft.



Features

For reduction of most kinds of noise on microphone cables. This transformer is identical to type 7025 which was designed for Soundcraft. Provides a balanced, isolated line input which will then accept balanced or unbalanced sources. Unbalanced to balanced conversion and vice versa. For helping to ensure Electromagnetic Compatibility (EMC) compliance.

Specifications

Item	Value
RATIO	1:1
MAXIMUM LEVEL 0.5 % THD at 50 Hz (40 ohm source)	+10 dBu
DISTORTION at 50 Hz (Source 40 ohms)	0.05% at +10 dBu
PRIMARY INDUCTANCE	5H
TOTAL DCR (Referred to primary)	40 Ohms
INSERTION LOSS 200 Ohm source 200 Ohm load	1.3 dB
INPUT/OUTPUT BALANCE	>60 dB
FREQUENCY RESPONSE 6k4 ohm source 10k ohm load	+/- 1.5 dB 15 Hz to 50 kHz

Mechanicals

9540

