

Sowter Type 9145

High performance configurable input transformer

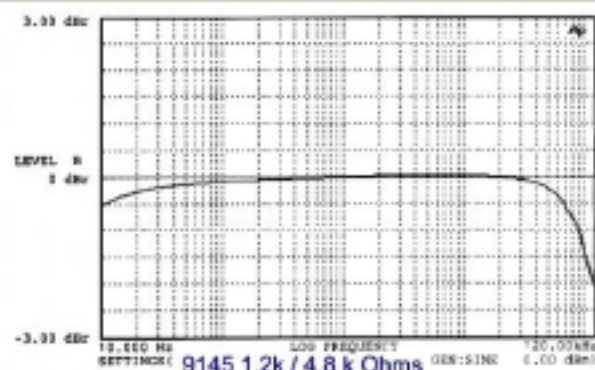
300/1200 Ohms to 1200/4800 Ohms

PACKAGE OPTIONS

Part Number

Coloured Leads

9145-f



APPLICATION For various uses as a microphone or line input transformer in a variety of situations. May be driven balanced or unbalanced and loaded balanced or unbalanced. Ideal for building into a pre amplifier or adding to existing equipment. Provides electrical isolation to minimize most kinds of noise caused when equipments are connected. Replacement fore Neve 10468.

FEATURES Has two equal primary and two equal secondary windings which can be configured in series or parallel. 100% Mumetal core for minimal distortion and high dynamic range. Internal Electrostatic Screens to ensure optimum output balance.

CONFIGURATION OPTIONS (CT=Centre tap)

Primary connection	Secondary connection	Voltage ratio	Primary Impedance	Secondary Impedance	max IP level 50 Hz
Parallel	Parallel	1:2	300 ohms	1.2 kOhms	+10 dBu
Parallel	Series	1:4CT	300 ohms	4.8 kOhms	+10 dBu
Series	Parallel	1:1	1.2kOhms	1.2 kOhms	+16 dBu
Series	Series	1:2CT	1.2kOhms	4.8 kOhms	+16 dBu

DISTORTION at 50 Hz (40 ohm source)

0.005%

INPUT/OUTPUT BALANCE

>60 dB

DC RESISTANCE Total referred to secondary (Both windings series connected)

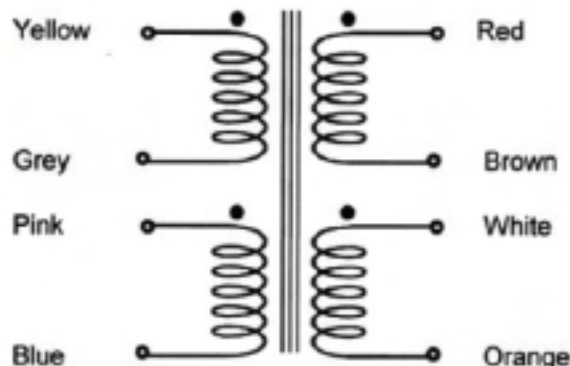
190 ohms

FREQUENCY RESPONSE 1k ohm source 600 ohm load

+/- 0.5 dB 10 Hz to 60 kHz



DIMENSIONS



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