

## SOWTER TYPE 9145

### Configurable Neve Mic/Line Input Transformer

## Applications

300/1k2 to 1k2/4k8. Ratio 1+1:2+2 Sowter replacement design for Neve P/N 10468. Twin primary and secondary windings for various input configurations. Internal electrostatic shield and Mumetal can with colour coded leads. 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 equipment are connected. Replacement for Neve 10468. An excellent microphone transformer.



## 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. Phantom powering etc. Various package options. PCB Pins not available.

## Specifications

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	1CT:1	1.2kOhms	1.2 kOhms	+16 dBu
Series	Series	1:2CT	1.2kOhms	4.8 kOhms	+16 dBu

Item	Value
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

## Mechanicals



