

TR106

Shielded audio transformer

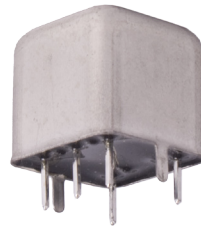
AUDAC

► Features

- Shielded
- 600 Ohm in- and output impedance
- 1 : 1 Transformation ratio
- 0.5 Hz to 100 kHz Bandwidth
- True isolation transformer
- Distortion free
- Low signal loss

► Applications

- All audio signal isolation purposes



The AUDAC TR106 is a Shielded true isolation audio transformer.

Hum in audio systems is usually caused by ground loops in the system. A common mode current will flow in a ground loop created by an electrical system that has grounds on different voltage potentials. This results in a 50 Hz hum in the audio signal. The most common method to solve these problems is an audio transformer.

The AUDAC TR106 audio isolation transformer with an in- and output impedance of 600 Ohm and a turns ratio of 1 : 1 and has a very wide bandwidth and very low distortion which ensure a non distorted bass response and non attenuated high frequency's.

► Specifications

SYSTEM SPECIFICATIONS	
Input Impedance	600 Ohm
Output Impedance	600 Ohm
Turns ratio	1 : 1
Bandwidth	0.5 Hz to 100 kHz
Typical distortion at 1 kHz	0.001%
High Frequency -3 dB Cutoff	108 kHz
Low Frequency -3 dB Cutoff	0.4 Hz
20 Hz Response (reference 1 kHz)	-0.10 dB
20 kHz Response (reference 1 kHz)	-0.10 dB
Maximum 20 Hz Input Level at 1% THD	+2 dBu (0.975V)
Maximum 50 Hz Input Level at 1% THD	+10 dBu (2.449V)
THD at 20 Hz and -20dBu (typical)	0.05%
THD at 1 kHz and -20dBu (typical)	0.001%
PRODUCT FEATURES	
Dimensions (Width x Height x Depth)	17 x 17.2 x 16.5 mm
Weight net	
SHIPPING & ORDERING	
Shipping weight & volume	
*AUDAC reserves the right to change specifications without notice: this is part of our policy to continually improve our product	