



TR106

Isolation transformer line level

Product information:

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 has a very wide bandwidth and very low distortion which ensures a non distorted bass response and non attenuated high frequencies.



System specifications:

Inputs	Impedance		600 Ω
	Max level at 1% THD+N (@ 1 kHz)	20 Hz	+2 dBu (0.975V)
		50 Hz	+10 dBu (2.449V)
Outputs	Impedance		600 Ω
Turn ratio			1 : 1
Bandwidth			0.5 Hz - 100 kHz
Typical distortion (@ 1 kHz)			0.001%
Frequency	High cutoff (± 3 dB)		108 kHz
	Low cutoff (± 3 dB)		0.4 Hz
	Response (± 3 dB)	20 Hz	-0.10 dB (reference 1 kHz)
		20 kHz	-0.10 dB (reference 1 kHz)
THD+N (@ 20 Hz)			0.05%
THD+N (@ 1 kHz)			0.001%

Product Features:

Dimensions	17 x 17.2 x 16.5 mm (W x H x D)
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