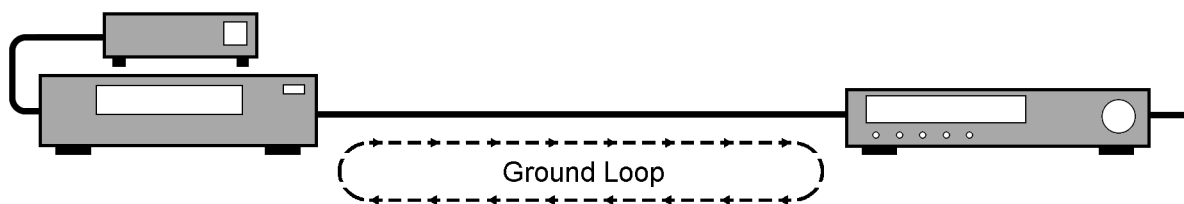


EMPIRE STATE FILTER COMPANY, INC.

AUDIO ISOLATION TRANSFORMERS




Empire State Filter Co.'s line of audio isolation transformers is designed to remove hum and buzz created by ground loops. Normal voltage differences in the system grounding points between different pieces of equipment cause small AC power currents to flow in the shield of audio cables. Capacitance between a power transformer's primary and secondary windings introduce signals to the circuit ground which will also create small current flows in the cable shield. Either of these problems will create hum in audio signals. A transformer breaks the inter-equipment ground path and greatly increases the rejection in the input circuits while remaining transparent to the audio signal. Models are also available with internal video hum eliminator to remove both audio and video interference.



The model A250 has an impedance of 10K Ohms and a bandwidth of 20 to 20KHz. Models RCA300 & RCA325 audio impedance is 10K Ohms, bandwidth is 150 to 15KHz and video impedance is 75 Ohms, bandwidth is 200MHz. Models XLR100 & XLR200 impedance is 600 Ohms and their bandwidth is 20 to 20KHz.

Our use of quality materials in the manufacture of these products will assure you that you are getting the best isolator possible. Don't hesitate to call or fax us if your situation requires a custom solution.

For a more detailed look at our products visit us on the web at www.empirefilter.com

	Model #	Description	Size - inches	Weight
	A250	heavy duty 2 channel audio isolation transformer RCA connectors	4.7 x 4.1 x 2.1	2.7 lbs
	AV300 AV325	video hum eliminator with 2 channel audio isolation transformer	4.7 x 4.1 x 2.1	3.0 lbs
	XLR100 XLR200	audio isolation transformer XLR connectors	4.0 x 2.5 x 2.0 6.0 x 2.5 x 2.0	3.0 lbs

Features:

- standard or heavy duty models
- stand-alone or with mounting brackets
- RCA or XLR connectors
- aluminum housings
- available with video hum eliminator
- custom units available

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