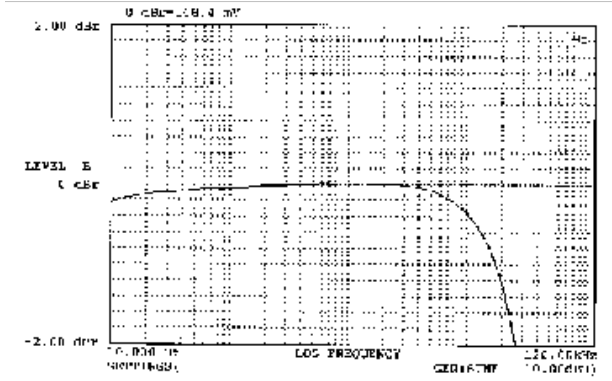


<h1>Sowter Type 8044</h1> <p><b>Direct Injection (DI) Box Transformer</b>  <b>DOUBLE FARADAY SHIELDS</b></p>	PACKAGE OPTIONS	Part Number	
	Coloured Leads	8044-F	
	PCB Mounting	8044-C	



Typical frequency response measured with 10k ohm source and 1k ohm load



**APPLICATION** For matching high impedance (10k ohm) guitar pick-up etc to microphone input. Ensures optimum loading of the guitar pick-up and correct matching to microphone pre-amplifier. For use in high electrical noise environments such as when pick-up is connected to guitar amplifier as well as microphone channel. Accepts balanced or unbalanced inputs or outputs. Ideal for matching a high impedance amplifier output to a balanced 600 ohm line but a dc blocking capacitor must be used.

**FEATURES** Mumetal core for minimal harmonic distortion. Two separate Faraday (electrostatic) screens for rejecting noise in both guitar amplifier and microphone channel. Mumetal can for magnetic shielding.

<b>RATIO</b>	12:1
<b>MAXIMUM LEVEL</b> 0.5 % THD at 50 Hz (40 ohm source)	+29 dBu
<b>DISTORTION</b> at 50 Hz (Source 40 ohms)	0.25% at +20 dBu
<b>FREQUENCY RESPONSE</b> 10k ohm source 1k ohm load	+/- 0.25 dB 10 Hz to 20 kHz

