

# -EXPERIENCE electronics- Studio Transformer Data Sheet L-1230 C1

The transformer type L-1230 C 1 is voltage matched with a transfer ratio of 1:1+1 for line levels. In order to avoid ground loops it can be used as a split transformer for all kinds of audio systems. The transformer is constructed in a way enabling connection with higher impedance signal sources. Capable to handle high tensions the separation of different circuits is also possible. High audio levels, wide frequency range and low harmonic distortion with compact construction enable a comprehensive field of application. The figures in the data sheet refer to a source resistance of 400  $\Omega$  and a load of 10 k $\Omega$  at each secondary coil.

Transfer ratio	1:1+1 The two separate secondary coils can be used in parallel or in series. Also the L-1230 C1 can be used as split transformer.
Frequency response	30 Hz....418 kHz -1 dB 10 Hz.....437 kHz -3 dB
Maximum level	4.0 Veff (14 dBm) @ 20 Hz 6.1 Veff (18 dBm) @ 1 kHz
Primary inductivity	6.5 H @ 1 Veff
Stray inductivity	0.75 mH
DC resistance	prim. ca . 90 W sec. ca. 142 $\Omega$ + 142 $\Omega$
Test voltage	500 V between prim. and sec.
Core type	EI 30
Dimensions	Length 30 mm Width 26 mm Heigth across bobbin 28 mm Height accross solder pins 34 mm
Weight	ca. 110 g
Mounting	PC board mounting RM 5, 20 x 20 mm <sup>2</sup> Pin view

