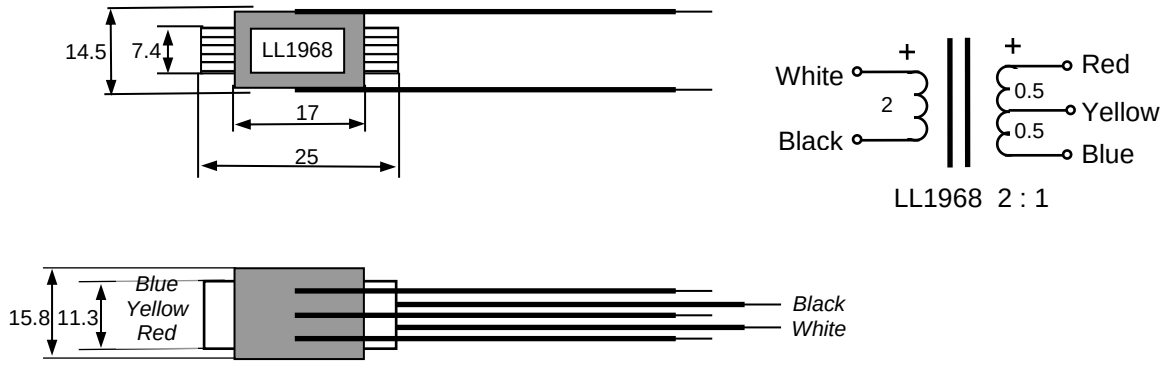
LUNDAHL
— TRANSFORMERS —

Microphone transformer
LL1968

LL1968 is a small size audio transformer with flying leads, designed primarily to be used in microphones. LL1968 consists of two coils in a humbucking structure. Each coil has one primary and one secondary winding. The windings are internally connected in series. A center-tap is available on the low impedance side for easy phantom power handling. The core is a high permeability mu-metal core.

Turns ratio: 2 : 1 (ct)

Dimensions (in mm) and winding schematics:



Weight:	18g
Static resistance of primary (high impedance side):	142Ω
Static resistance of secondary (low impedance side):	43Ω
Distortion (source impedance 600Ω):	+ 10 dBU primary level, 50 Hz: 0.2 %
	+ 15 dBU primary level, 50 Hz: 1 %
Self resonance point:	~ 300 kHz
Frequency response (source 600Ω , load 10kΩ)	10 Hz - 100 kHz +/- 0.5 dB
Phase deviation (source 600Ω , load 10kΩ)	< 0.5°, 20Hz – 120kHz

Isolation between windings / between windings and core 1 kV / 1 kV

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