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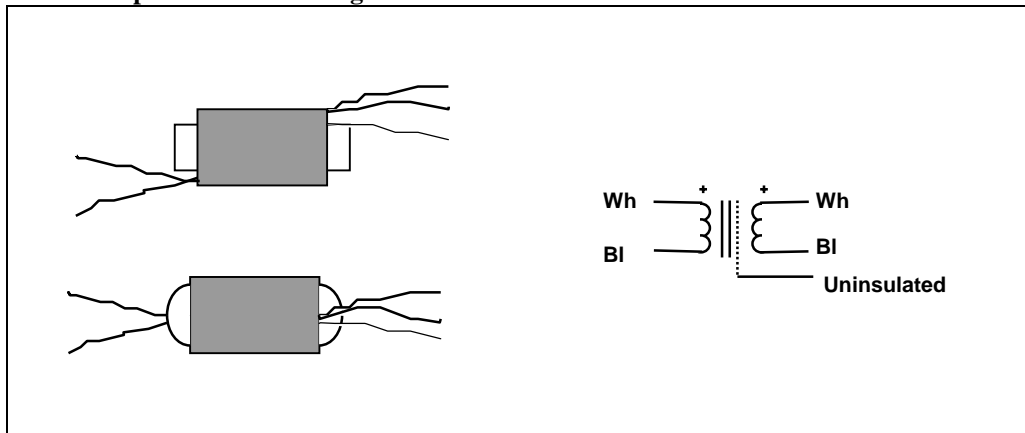
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High Impedance Input Transformer LL1565

The transformer LL1565 is designed to be housed in XLR inline units for e.g. ground isolation or for balanced-to-unbalanced conversion. Despite the small size, the LL1565 manages full line level (+22 dBU at 40 Hz) before saturation.

Turns ratio:	1 : 1
Dims:	
Length (Not including connection wires)	26mm
Minimum inner diameter of housing tube	17mm
Weight:	13 grams

Side and top views and winding schematics:



Static resistance of primary	1.2 k Ω
Static resistance of secondary	1.0 k Ω
Core	Amorphous strip core
Max level before saturation:	+22 dBU @ 40 Hz
No-load impedance (@20 dBU, 50Hz)	220 k Ω typically
Frequeny response @ 0 dBU (source 600Ω, load 10kΩ)	4 Hz - 100 kHz +/- 0.5 dB
Distortion (THD, source 600Ω)	0.5% @0 dBU, 50Hz 0.25% @ 20 dBU, 50Hz
Isolation between windings:	1 kV

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