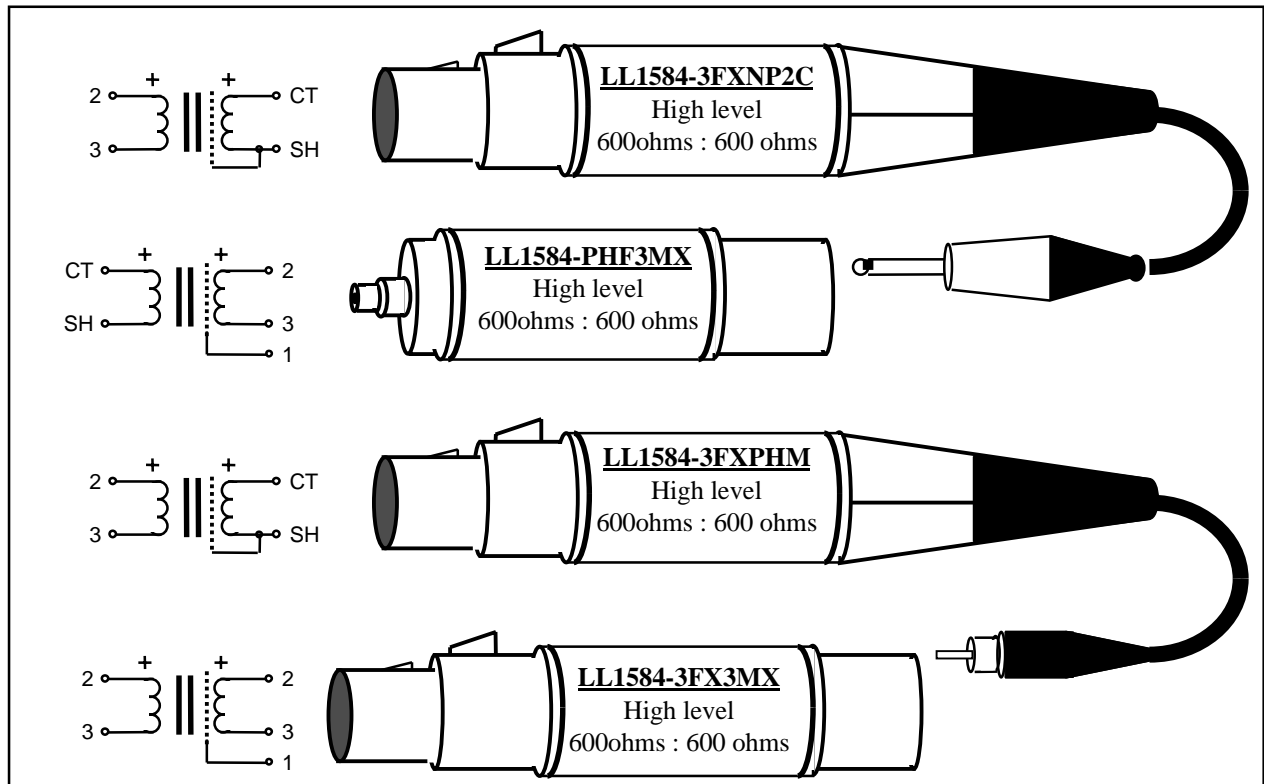


High level, 600 ohms to 600 ohms transformer unit LL1584

The XLR inline transformer unit LL1584 is designed for breaking up ground loops and for balanced-to-unbalanced conversion in mobile or stationary audio systems. The unit is magnetically shielded and contains a medium impedance isolation transformer LL1584, with LF saturation above +17 dBU @ 50 Hz.

The two ends of the units are galvanically isolated from each other.



The LL1584 is available in four versions:

- LL1584-3FXNP2C** Female XLR connector to 2-pole 'A'-gauge 1/4" jack plug
- LL1584-PHF3MX** Female Phono (RCA) connector to male XLR connector
- LL1584-3FXPHM** Female XLR connector to Phono (RCA) male
- LL1584-3FX3MX** Female XLR connector to male XLR connector

Electrical characteristics

Transformer static resistance primary + secondary:	640 Ω
Core:	Amorphous strip core
Max signal level (THD less than 1%):	+17 dBU @ 50 Hz
No-load impedance @ 0 dBU, 50Hz	11 kΩ typically
Frequency response @ 0 dBU (source 150Ω, load 10kΩ)	10 Hz - 70 kHz +/- 0.5 dB
Distortion (THD) at 50 Hz (source 150Ω)	< 0.2 % @ 50 Hz, for all signal levels -2 through +16 dBU
Loss across transformer with load 10kΩ	0.5 dB
Isolation between input and output sides:	1 kV