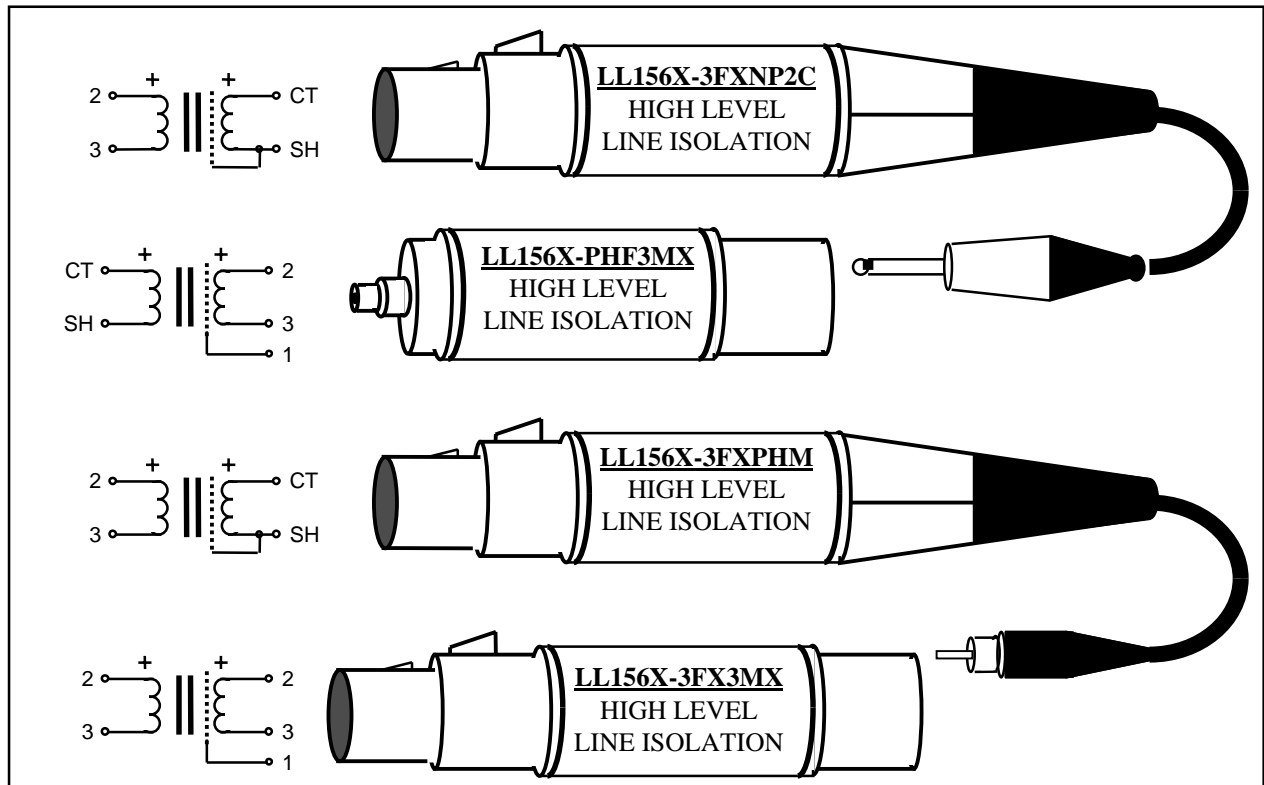


High Level, High Impedance Ground Isolation Unit Balanced to Unbalanced Converter LL156X

The XLR inline transformer unit LL156X 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 high impedance input transformer LL1565, with LF saturation above +22 dBU, 40 Hz.

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



The LL156X is available in four versions:

- LL156X-3FXNP2C** Female XLR connector to 2-pole 'A'-gauge 1/4" jack plug
- LL156X-PHF3MX** Female Phono (RCA) connector to male XLR connector
- LL156X-3FXPHM** Female XLR connector to Phono (RCA) male
- LL156X-3FX3MX** Female XLR connector to male XLR connector

Characteristics of built in transformer LL1565

Static resistance of primary:	1.6 kΩ
Static resistance of secondary:	1.3 kΩ
Core:	Amorphous strip core
Max level:	+22 dBU @ 40 Hz
No-load impedance (@20 dBU, 50Hz)	220 kΩ typically
Frequency response @ 0 dBU (source 600Ω, load 10kΩ)	4 Hz - 100 kHz +/- 0.5 dB
Distortion (THD, source 600Ω)	< 0.2 % @ 50 Hz, 0 - 22 dBU
Loss across transformer, load 10kΩ / 100kΩ	2.2 dB / 0.3 dB
Isolation between windings:	1 kV