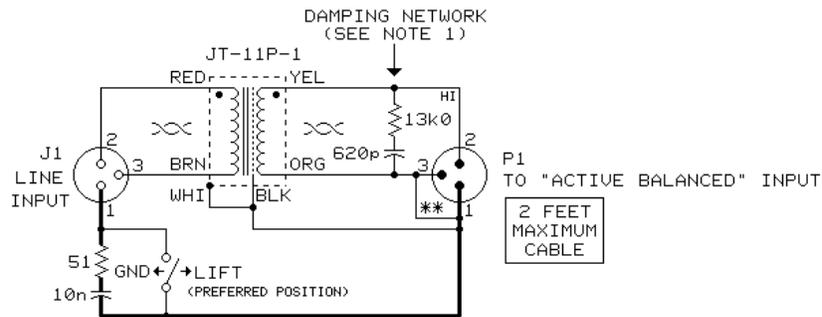


JT-11P-1 UPGRADE OF "ACTIVE BALANCED" INPUT TO TRANSFORMER BALANCED

IMPROVES CMRR WHEN DRIVEN BY "REAL-WORLD" BALANCED OR EVEN UNBALANCED SOURCES



NOTES:

- ** BY GROUNDING PIN 3, THE EXISTING BALANCED INPUT IS USED IN AN UNBALANCED MODE. BALANCING, WITH MUCH IMPROVED CMRR, IS PROVIDED BY THE TRANSFORMER.
- 1. THE DAMPING NETWORK SHOWN IS NECESSARY IF THE IMPEDANCE OF THE UNBALANCED INPUT IS OVER 10 kΩ, WHICH IS TYPICAL. OMIT NETWORK ONLY IF INPUT IMPEDANCE IS EXACTLY 10 kΩ.
- 2. FOR BEST TRANSIENT RESPONSE, KEEP SECONDARY LOAD CAPACITANCE UNDER 100 pF. (ABOUT 2 FEET OF TYPICAL CABLE CONNECTED TO P1)
- 3. PRIMARY (RED/BRN) AND SECONDARY (YEL/ORG) LEADS SHOULD BE TWISTED AS SHOWN AND WIRING SHOWN AS THICK LINE SHOULD BE HEAVY GAUGE AND AS SHORT AND DIRECT AS POSSIBLE.
- 4. A PAIR OF JT-11P-1 TRANSFORMERS ASSEMBLED AS ABOVE IN A STURDY STEEL BOX WITH GOLD PLATED XLR CONNECTORS AND GROUND LIFT SWITCHES IS AVAILABLE FROM JENSEN AS ISO-MAX® MODEL PI-2XX.

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