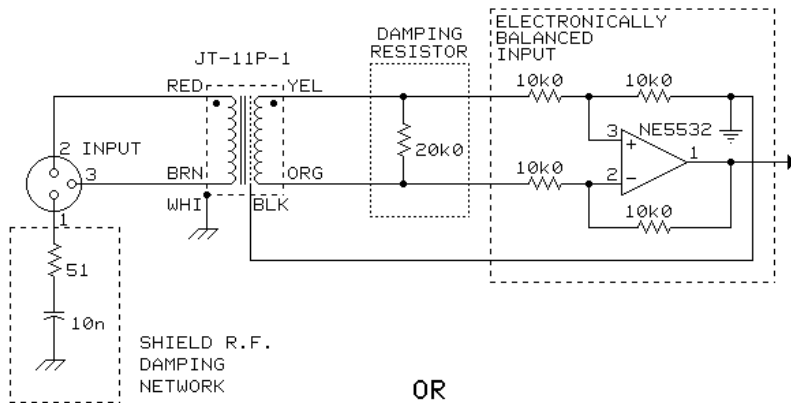
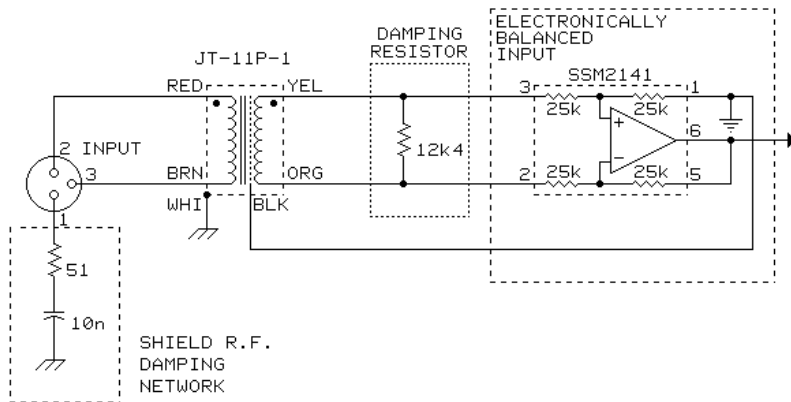


JT-11P-1 INPUT TRANSFORMER IMPROVEMENT FOR ELECTRONICALLY BALANCED INPUT



OR



THE 2 EXAMPLES SHOWN TO THE LEFT REPRESENT THE MOST COMMONLY USED VALUES FOR ELECTRONICALLY BALANCED INPUTS. THE DAMPING RESISTOR IS CHOSEN TO PROVIDE A 10k LOAD TO THE SECONDARY OF THE JT-11P-1.

IF YOU ASSUME A 10 Ohm IMBALANCE IN THE DRIVING SOURCE (VERY COMMON!), YOU CAN EXPECT A TYPICAL IMPROVEMENT IN CMRR OF 65dB AT 60Hz AND 20dB AT 3kHz BY ADDING THE JT-11P-1 TRANSFORMER TO THE ELECTRONICALLY BALANCED INPUT.

THE SHIELD R.F. DAMPING NETWORK PROVIDES A HIGH IMPEDANCE AT LOW FREQUENCIES TO PREVENT CURRENTS FROM FLOWING IN THE SHIELD, WHILE STILL PROVIDING DAMPING AT R.F. FREQUENCIES TO PREVENT CABLE SHIELD HIGH Q RESONANCES.

jensen	AS069
	07/10/97
7135 HAYVENHURST AVE. VAN NUYS, CALIFORNIA 91406 (818) 374-5857	