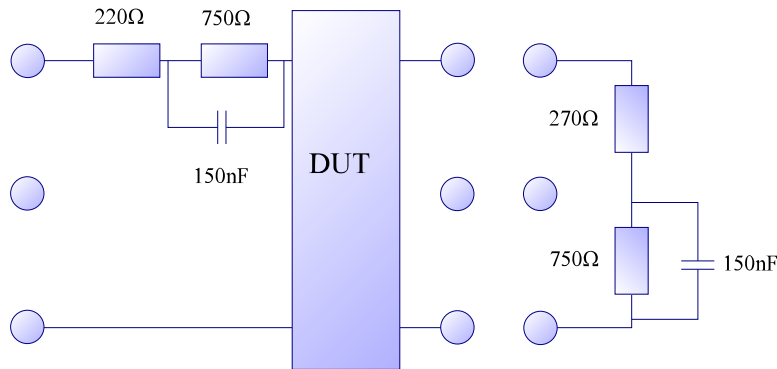


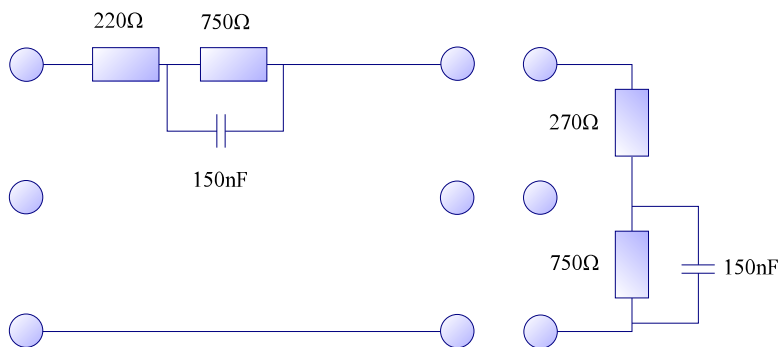
Set Up For Insertion Loss & Fixture Comp (Complex termination)

Instrument Settings for 270R+750R//150nF Complex Termination

- 1) Ins Loss , POTS
- 3) $R_m = 50$
- 4) $R_t = 50$
- 5) Perform Test fixture compensation cal



SET up for insertion lost measurtement



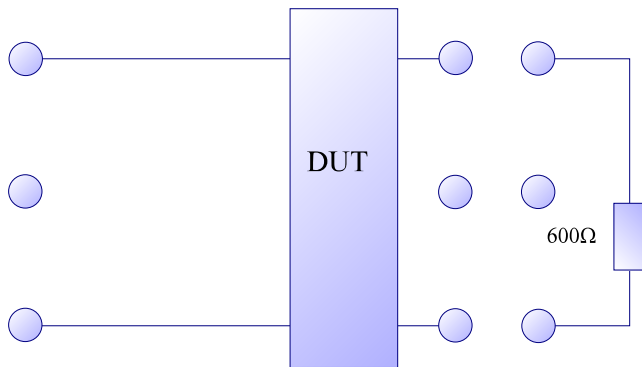
SET up for Test Fixture compensation cal

- 1) By setting $R_m = R_t$, the instrument assumes equal source & termination
- 2) Setting R_m to 50R in IL mode puts a real 50R resistance in series with the primary. Therefore by making the first resistor on the source side equal to 220R, the total R becomes 270R
- 3) The termination on the primary side needs to be shorted out when doing Return Loss measurements
- 4) In this configuration the DC bias current will be limited to about 20mA .

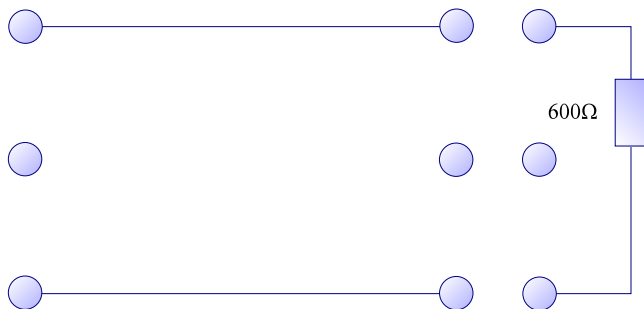
Set Up For Insertion Loss measurement & Fixture Comp(600Ω termination)

Instrument Settings for 600Ω Termination

- 1) Ins Loss , POTS
- 3) $R_m = 600$
- 4) $R_t = 600$
- 5) Perform Test fixture compensation cal



SET up for insertion lost measurtement



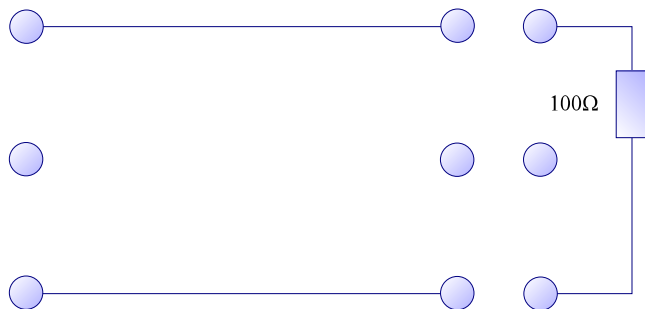
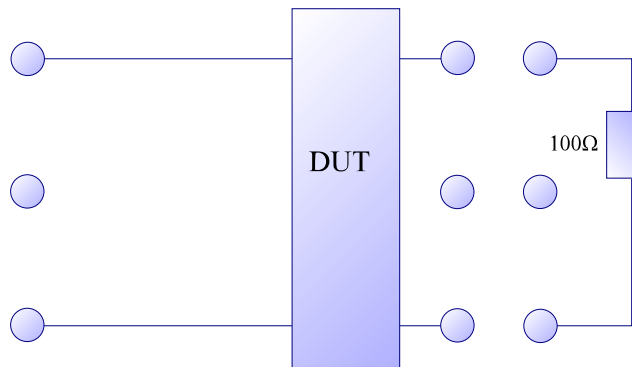
SET up for Test Fixture compensation cal

- 1) By setting $R_m = R_t$, the instrument assumes equal source & termination

Set Up For Insertion Loss & Fixture comp(100 Ω termination)

Instrument Settings for 100 Ω Termination

- 1) Ins Loss , POTS
- 3) $R_m = 100$
- 4) $R_t = 100$
- 5) Perform Test fixture compensation cal



- 1) By setting $R_m = R_t$, the instrument assumes equal source & termination