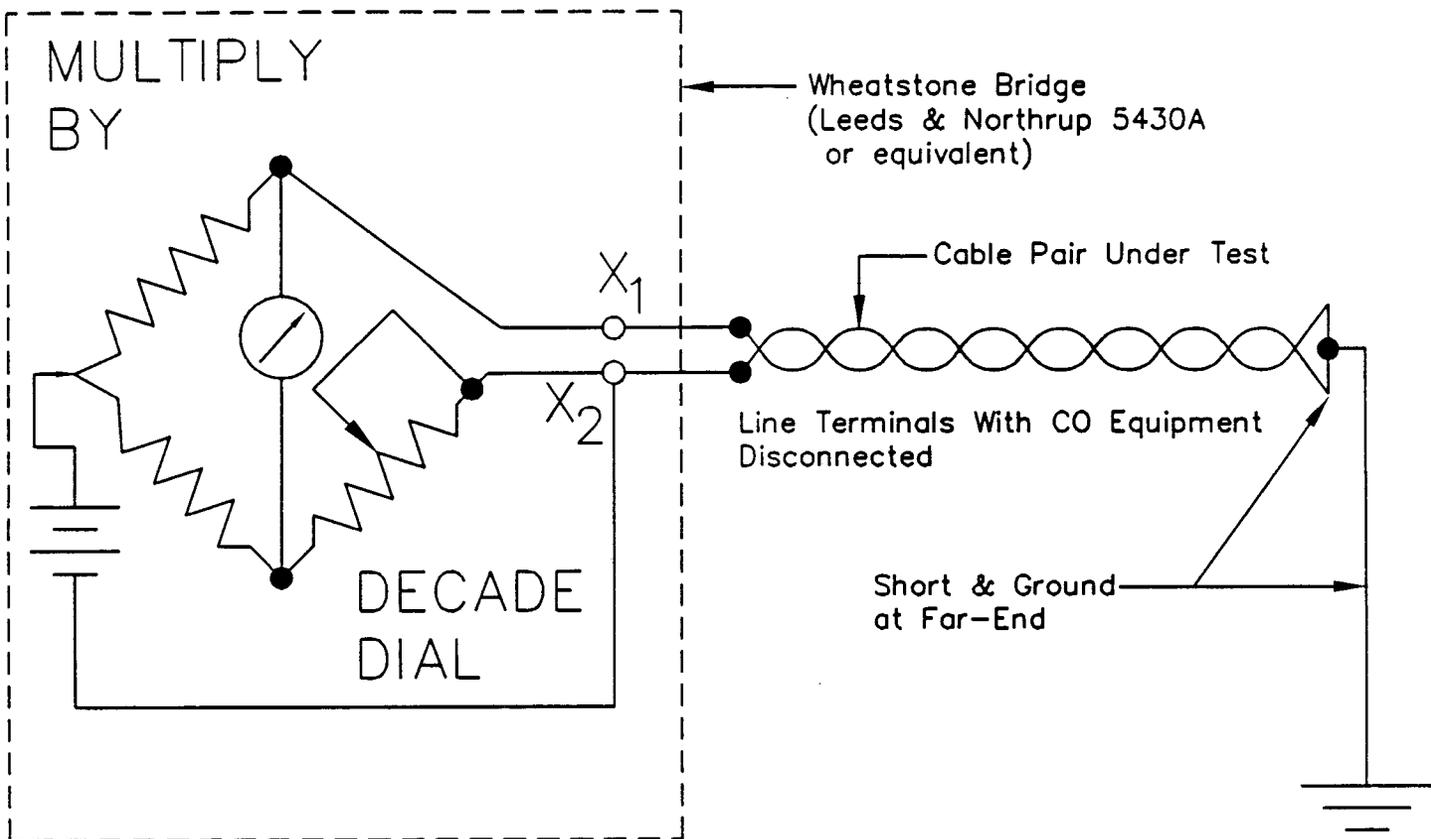


FIGURE 4

DC LOOP RESISTANCE MEASUREMENT



SETTINGS ON TEST SET

1. Set "RES.-VAR-MUR" Key to "RES".
2. Set "RVM-GA-HIL" Switch to "RVM".
3. Set "INT-BA-EXT" Switch to "INT".
4. Connect Pair to Terminals X_1 and X_2 as shown.

PROCEDURE

1. Null galvanometer by operating "MULTIPLY BY" and "DECADE" dials of bridge. Use lowest sensitivity range.
2. Multiply "DECADE" reading in ohms by "MULTIPLY BY" ratio to obtain value of the Loop Resistance.