# RING FINAL PRACTICAL, STEP 3: FIGURE OF EIGHT, LINE TO CPC

## WHICH RING READING GOES ON THE SCHEDULE?

Same idea, different pair. Take the neutrals out of the cross-connection and join each **line** to the **CPC of the opposite leg**. Change the meter setting if it asks you to, then test line to CPC at **every** socket and outlet again.

- Expect **$(r_1 + r_2) \div 4$**, the same at every point, a little higher on spurs.
- This is your **$R_1 + R_2$**. Record the **highest** reading in column 21, the same column as a radial's method 1 result.
- With all three steps done, tick **polarity** for the circuit.

✋ **Changed the link but not the meter?** A tester that steps through ring settings will still be on step 2 until you change it. Open circuit at every socket is usually that, not a fault.

**A reading higher than the rest is a finding.**

At one outlet a reading came in 0.1 Ω above the others; the CPC had worked loose in the terminal. Re-made, it read in line. That's exactly what checking your readings against each other is for.

**Guidance Note 3** · 2.6.6 step 3

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