CONTINUITY: THE TWO TEST METHODS

R1 PLUS R2, OR R2 ON ITS OWN?

The first test in the sequence is **continuity of protective conductors**, including main and supplementary bonding. There are two methods, and you need both names.

1

Test method 1

R1 + R2

Line and CPC, linked at the board, measured at the load

2

Test method 2

R2

only

One conductor, both ends — an

end-to-end

test

? **What is continuity actually for?** To prove there are **no breaks** from one termination to the other — a continuous, unbroken path of copper so fault current has somewhere to flow. Especially on the CPC.

"End to end" is worth fixing in your head.

One lead on one end of the conductor, the other lead on the other end. When ring final testing starts, "end to end" comes up constantly — and every time, it's just an R2 test.

✋ **What instrument?** A **low resistance ohmmeter**. This has been an exam question. Don't answer "multifunction tester" — the MFT *contains* a low resistance ohmmeter, but the instrument being asked about is the low-ohm meter.

GN3 · Section 2 · continuity of protective conductors ★

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