

27 The resistivity of aluminium is 2.0 times that of silver. An aluminium wire of length L and diameter d has resistance R .

What is the diameter of a silver wire, also of length L and resistance R ?

- A $0.50d$
- B $0.71d$
- C $1.4d$
- D $2.0d$

28 In the circuit, the battery has an e.m.f. of 12 V and an internal resistance of 3.00. The ammeter