

- 22** The current in a 240V electric heater is 4.00A. It is made of resistance wire of diameter 4.00×10^{-4} m.

At working temperature, the resistance wire has resistivity 1.10×10^{-6} Ω m.

What is the length of wire used in the heater?

- A 2.18 m B 6.85 m C 10.8 m D 27.4 m

