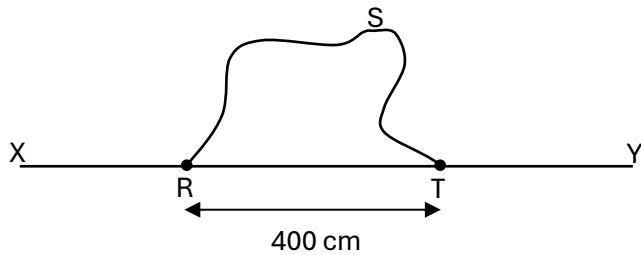


21 A wire RST is connected to another wire XY as shown.



Each wire is 1200 cm long with a circular cross section of diameter 1.6 mm and a resistivity of $1.6 \times 10^{-6} \Omega \text{ m}$.

What is the total resistance between X and Y?

- A** 2.7Ω
- B** 4.8Ω
- C** 8.8Ω
- D** 13.6Ω