

Practice - 20.3 Resistance and Resistivity

1. What is the resistance of a 20.0-m-long piece of 12-gauge copper wire having a 2.053-mm diameter? ($\rho_{\text{Cu}} = 1.72 \times 10^{-8} \Omega\cdot\text{m}$)

20.3 Answer:

1. 0.104Ω