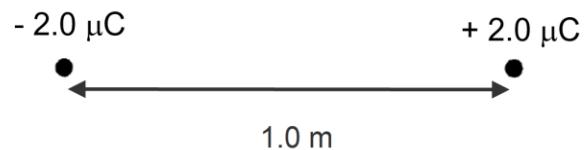


- 19 A pair of equal and opposite charges each of $2.0 \mu\text{C}$ is separated by 1.0 m as shown below.



What is the magnitude of the electric field strength at the midpoint between the two charges?

- A 0 Vm^{-1}
- B $3.6 \times 10^4 \text{ Vm}^{-1}$
- C $7.2 \times 10^4 \text{ Vm}^{-1}$
- D $1.4 \times 10^5 \text{ Vm}^{-1}$