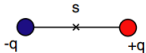


Q13.4h

What is the magnitude of the electric field at location x, the center of this dipole (separation s)?



1) $\frac{1}{4\pi\epsilon_0} \frac{2qs}{r^3}$

2) $\frac{1}{4\pi\epsilon_0} \frac{qs}{r^3}$

3) $\frac{1}{4\pi\epsilon_0} \frac{2q}{s^2}$

4) $\frac{1}{4\pi\epsilon_0} \frac{2q}{(s/2)^2}$

5) 0 or infinite (0 in the denominator)