

Electric Charge

q = electric charge, that which creates electric force of attraction or repulsion

unit = 1 coulomb or 1 C

$$k = 8.988 \times 10^{-9} \text{Nm}^2/\text{C}^2$$

Electric

$$|\vec{F}_{\text{electric}}| = \frac{k|q_1||q_2|}{r^2}$$