

## permittivity of vacuum

Fundamental physical constant  $\varepsilon_0 = \frac{1}{\mu_0 c_0^2}$  exactly, where  $\mu_0$  is the permeability of vacuum and  $c_0$  the speed of light in vacuum. It is equal to  $8.854\,187\,817 \dots \times 10^{-12} \text{ F m}^{-1}$ .

**Source:**

CODATA 2006

Green Book, 2nd ed., p. 14