SI DEFINING PHYSICAL CONSTANTS (D7)

Defining Constant	Symbol	Numerical Value	Unit
Unperturbed Ground State Hyperfine Transition Frequency of the Caesium 133 Atom	Δv_{Cs}	9 192 631 770	Hz
Speed of Light in Vacuum	c	299 792 458	$\mathrm{m\ s^{-1}}$
Planck Constant	h	$6.626\ 070\ 15 \times 10^{-34}$	J s
Elementary Charge	e	$1.602\ 176\ 634 \times 10^{-19}$	C
Boltzmann Constant	k	$1.380\ 649 \times 10^{-23}$	$\mathrm{J\ K^{-1}}$
Avogadro Constant	N_{A}	$6.022\ 140\ 76 \times 10^{23}$	$\mathrm{mol^{-1}}$
Luminous Efficacy of Monochromatic Radiation of Frequency $\mathbf{540 \times 10^{12}\ Hz}$	K_{cd}	683	$\mathrm{lm\ W^{-1}}$

Sources:

- Defining Constant [1] [2]
- Symbol [1] [2]
- Numerical Value [1] [2]
- Unit [1] [2]