

9. The redshift of a distant galaxy is 0.014.

According to Hubble's law, the distance of the galaxy from Earth is

A $9.66 \times 10^{-12} \text{ m}$

B $1.83 \times 10^{24} \text{ m}$

C $1.30 \times 10^{26} \text{ m}$

D $9.32 \times 10^{27} \text{ m}$

E $6.33 \times 10^{39} \text{ m}.$