

Speed of Propagation through Water

If the index of refraction of UHF waves at 433.92 MHz in water is 9.0, what is their speed of propagation inside the tank of water?

- a.) $4.8213 \times 10^7 \text{ m/s}$ b.) $1.333 \times 10^8 \text{ m/s}$
- c.) $3 \times 10^8 \text{ m/s}$ d.) $3.333 \times 10^8 \text{ m/s}$
- e.) $3.333 \times 10^7 \text{ m/s}$