

$$v = \frac{c}{\sqrt{K_M K}} = \frac{c}{n}$$

Water

Frequency (Hz)

$$0 \quad 10^8 \quad 5 \times 10^{14}$$

$$K_M \sim 1 \quad \sim 1 \quad \sim 1$$

$$K \sim 79 \quad \sim 78 \quad \sim 1.77$$

$$n \sim 8.9 \quad \sim 8.8 \quad \sim 1.33$$

$$v \quad \frac{c}{8.9} \quad \frac{c}{8.8} \quad \frac{c}{1.33}$$