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Frequency $2 f \omega \pi = 1.4$. Wave Velocity -- V For A Wave Velocity V , Wavelength λ And Frequency f : $Vf = \lambda$
 $2 V \omega \pi \beta =$ Substituting In For ω Using $\beta\omega = \pm lc$. (1.3) We Obtain $1 V LC =$ (1.6) Note: If The Device Is Air Cored, Then The Veloci Feb 2th, 2024.

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6 Electromagnetic Fields And Waves56 Electromagnetic Fields And Waves Z Y R X Figure 6.1. Rectangular, Cylindrical, And Spherical Coordinate Systems. The Cross Product Of These Vectors Is $A \sim \times B \sim = X^{\wedge 1} X^{\wedge 2} X^{\wedge 3} A_1 A_2 A_3 B_1 B_2 B_3 = (A_2 B_3 - A_3 B_2)x^{\wedge 1} + (A_3 B_1 - A_1 B_3)x^{\wedge 2} + (A_1 B_2 - A_2 B_1)x^{\wedge 3}$, (6.3) Where $X^{\wedge 1}$ (pronounced "x Hat") Is A Unit Vector In The X_1 Direction. The ... Feb 1th, 2024

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