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NCERT 12.8 Q4

EE23BTECH11014 - Devarakonda Guna Vaishnavi

Question: A plane electromagnetic wave travels in vacuum along the z-direction. What can you say about the directions of its electric (\mathbf{E}) and magnetic (\mathbf{B}) field vectors? If the frequency of the wave is 30 MHz, what can you say about its wavelength?