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'ne tik of relating to or produced by electromagnetism
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energy travels in waves and spans a broad spectrum from very
long radio waves to very short gamma rays the human eye can
only detect only a small portion of this spectrum called visible
light a radio detects a different portion of the spectrum and an x
ray machine uses yet another portion
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temporary the magnetic field only exists when electric current is flowing the doorbell is a good example of how electromagnets can be used in applications where permanent magnets just

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or wavelength although all electromagnetic waves travel at the speed of light in a vacuum they do so at a wide range of frequencies wavelengths and photon energies the electromagnetic spectrum comprises the span of all *electromagnetism definition equations facts britannica* Nov 29 2022 web summary electromagnetism science of charge and of the forces and fields associated with charge electricity and magnetism are two aspects of electromagnetism electricity and magnetism were long thought to be separate forces it was not until the 19th century that they were finally treated as interrelated phenomena

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