
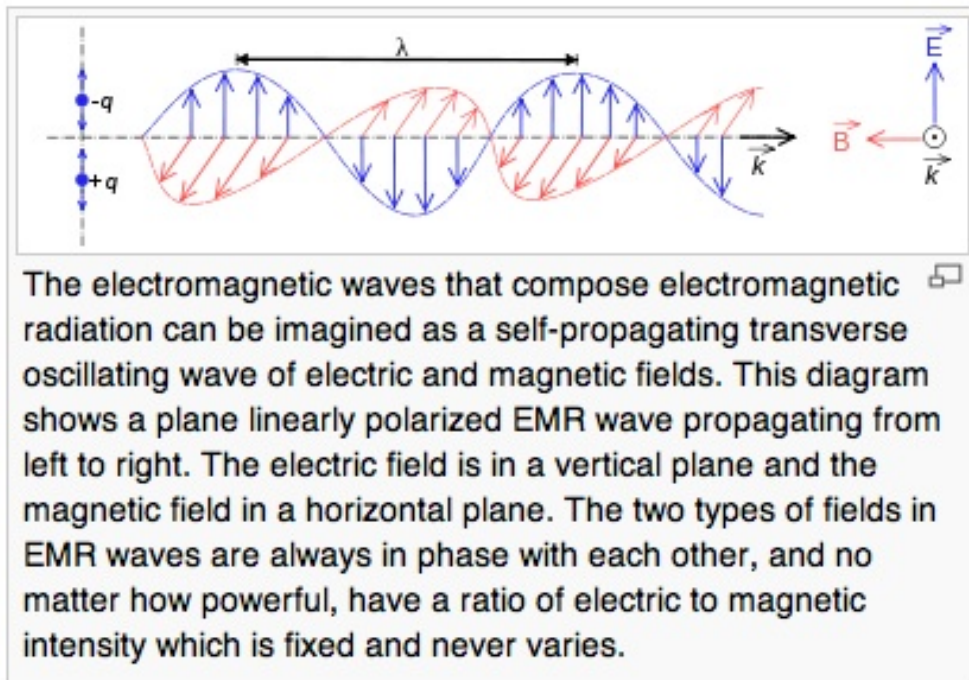


# Radio Waves

**Radio waves** are a type of [electromagnetic radiation](#) with wavelengths in the electromagnetic spectrum longer than infrared light. **Radio waves** have frequencies from 300 GHz to as low as 3 kHz, and corresponding wavelengths from 1 millimeter to 100 kilometers. Like all other electromagnetic waves, they travel at the [speed of light](#). Naturally occurring **radio waves** are made by [lightning](#), or by astronomical objects. Artificially generated **radio waves** are used for fixed and mobile radio communication, broadcasting, [radar](#) and other navigation systems, communications satellites, computer networks and innumerable other applications. Different frequencies of **radio waves** have different [propagation](#) characteristics in the Earth's atmosphere; long waves may cover a part of the Earth very consistently, shorter waves can reflect off the ionosphere and travel around the world, and much shorter wavelengths bend or reflect very little and travel on a line of sight.  
[Wikipedia, Radio Waves](#) 



## Electromagnetic Radiation

(courtesy [Wikipedia, Electromagnetic Radiation](#) )

([click to enlarge](#) )

## Schauberger

"The decrease in [tuberculosis](#) since **radio waves** first vibrated through the [ether](#) is also no accident. These emissions cause an unbalanced and excessive concentration of [oxygen](#) both in [water](#) and the [atmosphere](#) which goes a long way towards explaining why human beings have become faster-living, more hot-tempered, but regrettably less intelligent in the process." [[Our Senseless Toil](#), page 32]

See Also

[3.8 - There are no Waves](#)

[3.9 - Nodes Travel Faster Than Waves or Light](#)

[15.08 - Dissociating Water with X-Rays - Radiolysis](#)

[16.06 - Electric Waves are Sound Waves](#)

[19.05.01 - From The Dynamic Theory of Life and Mind - Radiometer Motion](#)

[Figure 12.12 - Russells Multiple Octave Waves as Fibonacci Spirals](#)

[Figure 13.13 - Gravity Syntropic and Radiative Entropic Waves](#)

[Figure 14.07 - Love Principle: Two sympathetic waves expanding from two points have one coincident centering locus](#)

**Electromagnetic Radiation**

**Figure 6.9 - Russell depicts his waves in two ways**

**Longitudinal Waves in Vacuum**

**Matter Waves and Electricity**

**Nodal Waves**

**radio-active**

**radiometer**

**Rad-Energy**

**Radionics**

**Standing Waves**

**Water Radiolysis**