

ATTENUATION

Meaning: Attenuation is the reduction in the strength or intensity of a signal, wave, or sound as it travels through a medium or over distance.

1. The scientist measured the attenuation of the radio waves as they passed through the dense atmosphere.
2. Attenuation of sound can significantly impact the quality of audio recordings in a studio.
3. In telecommunications, signal attenuation can lead to decreased performance and connectivity issues.
4. The doctor explained that attenuation of the virus in the vaccine helps the body build immunity without causing disease.
5. Natural barriers, such as mountains and forests, often contribute to the attenuation of environmental noise.
6. Attenuation in fiber optic cables can limit the distance data can travel without amplification.
7. The researchers focused on the attenuation effects of pollutants on aquatic ecosystems.
8. Proper insulation in buildings can help with the attenuation of heat loss during winter months.
9. Attenuation of light in deep water can affect the growth of aquatic plants and the behavior of marine life.
10. Understanding the principles of attenuation is crucial for engineers designing effective communication systems.

Source: sentences.whatistheurl.com

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