

MASER

Meaning: Maser: a device that amplifies microwave radiation through the process of stimulated emission, commonly used in telecommunications to improve signal clarity.

1. The scientist explained how a maser works by amplifying microwaves through stimulated emission.
2. In the realm of telecommunications, masers play a crucial role in enhancing signal clarity over long distances.
3. Researchers are exploring the use of masers in space for deep-space communication due to their precision.
4. The maser, a predecessor to the laser, was invented in the 1950s and has since evolved significantly.
5. Due to their ability to produce highly coherent microwave radiation, masers have applications in various scientific fields.

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