

# Cable vs DSL vs Fiber Internet Explained

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This video explains three different internet access technologies: broadband cable, DSL (Digital Subscriber Line), and fiber internet.

- Broadband cable uses coaxial cables and is typically provided by cable television providers. It offers various download speeds but can experience slowdowns during peak hours because bandwidth is shared among users in a neighborhood.
- DSL uses common telephone lines to carry both voice and data. It's generally slower than cable but is cheaper and provides a dedicated, unshared connection. DSL speeds vary, and there are different forms like ADSL (faster download) and SDSL (symmetric speeds).
- Fiber internet offers the fastest speeds available, transmitting data using light through fiber optic cables. It can travel longer distances without interference and is less vulnerable to signal weakening compared to cable or DSL, which use electricity over copper wires. However, fiber is more expensive and less widely available due to its newer infrastructure.