

## Types of Modems

The different types of modems used to access the internet at home are as follows –

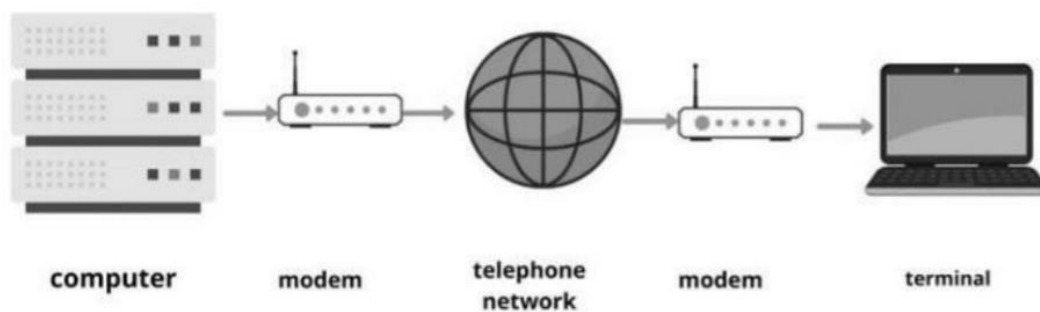
### Telephone modem

A computer is connected through telephone lines to access the network of other computers. It is cheaper when

compared to other modems because it does not have any installation cost and also the monthly fee of a telephone

modem is low. It can be used in any house if a telephone network is provided.

Given below is the diagram of telephone modem –

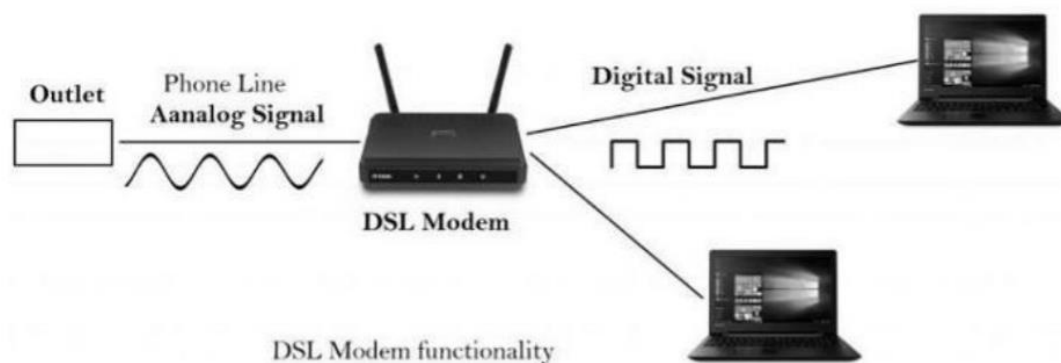


### Digital subscriber Line

It provides high speed internet connection through telephone lines. It is expensive when compared to a telephone

modem. The DSL is also connected with phone lines similar to telephone modem, but the difference is in DSL

voice communication and internet service is used simultaneously whereas in telephone modem it is not provided.



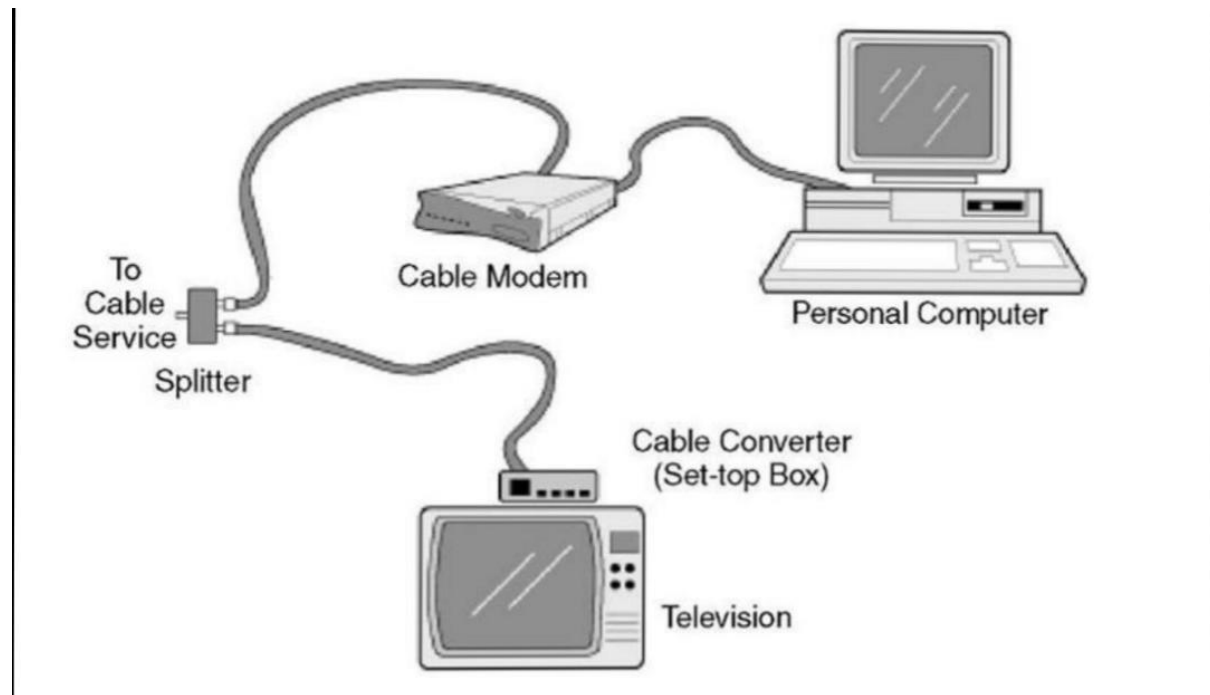
### MoCable modem

Cable Modem is a device that allows high-speed data access via a cable TV (CATV) network. Most cable modems

are currently external devices that connect to the PC through a standard 10 BASE-T Ethernet card and twisted-pair

wiring.

Given below is the diagram of cable modem –



### Satellite modem

It is a device that provides internet connection through satellite dishes. It transfers the input bits to output radio

signals and then executes vice versa. It is costlier when compared to all other modems but provides better

reliability to the internet network.

