

SAMPLE –ADSL Broadband-Article

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ADSL Broadband

Of the different broadband packages available in the market today, ADSL is the most common form of internet connectivity used by people across the UK. Better than the dial-up internet in many ways, ADSL broadband does not require users to sacrifice using their telephone to stay connected to the internet.

What is ADSL Broadband?

Short form for Asymmetric Digital Subscriber Line, ADSL is a broadband internet connection that is provided with the help of the standard telephone lines installed by a telecom provider. As the upload and download speeds through this connection are not the same, it is referred to as 'Asymmetrical' DSL broadband. Getting an ADSL connection for your home or office is extremely simple if you already have a BT telephone line installed.

Understanding ADSL Technology

If you already have a phone line, you can install an ADSL internet connection by connecting it to your PC using a few cables, a filter, an ADSL modem or router and a CD for installing the necessary software and drivers. The cables are used to connect your desktop or laptop to the modem, filter and phone outlet. The filter is used to divide the phone line into two different digital lines, so that users can access both the internet and the phone at the same time. If you want a wireless broadband connection, you can also go for a wireless ADSL router instead of a fixed router.

Although ADSL also uses the telephone line, it is much faster than a dial-up internet connection, as it converts the analogue phone line into a digital one for transmission of data.

ADSL Speeds and Coverage

Unlike the dial-up internet connection where the speed is limited to 56 kbps, ADSL internet speeds start from 512 kbps and can go as high as 8 Mbps. This means that with the fastest ADSL internet connection, you would be able to download a music file in just a few seconds. As ADSL internet connections are provided using a telephone line, an ADSL broadband connection can be availed almost anywhere in the country.