

# Everything you need to know about leased lines and broadband | easyNetworks

Is leased line better than broadband?



**London, United Kingdom Feb 15, 2023 ([IssueWire.com](https://www.issuewire.com))** - easyNetwork one of the top networking service provider company in united kingdom (London Areas), Well educated and experienced employees are working in this company. They are providing online IT support, cloud server management, voip phone systems and others networking services. In this article we elaborate some networking points. Please read below

The Internet, sometimes simply referred to as "the Net", is a worldwide system of computer networks -- a network of networks in which users on one computer can, if they have permission, access information from another computer. can (and sometimes talk directly to. users on other computers). It was conceived in 1969 by the United States government's Advanced Research Projects Agency (ARPA) and was previously known as ARPANET.

The original objective was to create a network that would allow users of a research computer at one university to "talk" to research computers at other universities. A side benefit of ARPANet's design was that, because messages could be routed or rerouted in more than one direction, the network could continue to operate even if parts of it were destroyed in the event of a military attack or other disaster. to go.

Today, the Internet is a public, collaborative and self-sustaining facility accessible to millions of people around the world. It is used by many as a primary source of information consumption, and fosters the creation and development of its own social environment through social media and content sharing. In addition, e-commerce, or online shopping, has become the largest use of the Internet.

## [Business Internet Services](#)

### What is a broadband connection?

Broadband refers to wide bandwidth data transmission. Think of the Internet as data being transmitted between two devices. Broadband, in this case, is the pathway over which that data is moving. There are many types of broadband connections - DSL, cable, fiber, etc. All technologies aim to offer high-speed internet to their users. For example, fiber optic cable is the best technology ever to offer symmetrical speed and high bandwidth to its user.

## [Business broadband](#)

### **CityFibre Broadband versus Leased Lines for VoIP?**

As fiber connections become more common in the UK, you may be considering the benefits of taking advantage of some of the latest super-fast speeds and other benefits that fiber has to offer. Any business looking to upgrade their lines to the latest connectivity solutions may need to consider how they can adapt to their VoIP systems needs. Often, this means examining the significant differences between fiber leased lines and fiber broadband.

#### [CityFibre](#)

### **Introducing the world of fiber**

Before you can decide between fiber broadband or leased lines for VoIP, you'll need a better understanding of what both options involve. Fiber broadband is deployed using "fibre-to-the-cabinet" technology - or the green box at the end of your street. Basically, fiber is routed to boxes, then routed along copper wires that enter your building.

On the other hand, fiber leased lines are for "door-to-door" connectivity to your local telephone exchange, which means you don't share your connection with other users, as you would with normal broadband. What's more, fiber leased lines are symmetrical. This refers to uploading and downloading speeds - symmetrical leased lines will offer the same upload and download speeds, while asymmetrical broadband offers slower upload than download speeds. Since VoIP is all about your upload speed, this is an important factor to consider.

#### [Leased Line](#)

### **Comparing speeds with leased lines and broadband**

When it comes to improving speeds, leased lines often leave broadband in the dust. Fiber broadband may be the fastest broadband solution available on the market, offering speeds of up to 80Mb. However, leased lines are on a different level altogether. The average leased line can offer up to 100Mb, 1Gb, or even 10Gb in some cases!

Of course, the significant speed increases and benefits of fiber leased lines come at a cost. In general, businesses will pay much more for leased lines than for broadband, as lines are leased annually, and can be very expensive. Although fiber broadband is much cheaper, if you are considering leased lines and have an ISDN30 connection there is still a chance you can save some money.

### **What can leased lines offer that fiber broadband can't?**

- 4 hour fixed time SLA (Service Level Agreement)
- Synchronous upload (upload same as download speed)
- No copper wire used (100% fiber optic, so less susceptible to faults)
- Dedicated bandwidth - not shared with anyone else

### **Fiber leased lines are ideal for VoIP**

The exceptional upload speed of fiber leased lines makes them perfect for VoIP lines. If you are

switching from traditional ISDN lines to VoIP, you may be able to save enough money to offset your investment.

Since these solutions are very expensive, what matters most is how important a good connection is to your business. Organizations that value their Internet connection as paramount to their business will be able to pay a premium for fiber leased lines, as the reliability and exceptional speed of service can help them be more cost-effective in the long run. Of course, if you're on a budget, fiber broadband can still earn the moniker of "superfast" for businesses that need a reliable connection.

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