

Fibre optic broadband boosts businesses

 By [Mitchell Barker](#)

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Fibre optic broadband is one of the most significant advances and improvements in broadband technology. It gives users, both business and personal, far higher download and upload speeds than traditional fixed-line broadband, is far more reliable, and ensures that what a business or individual can do online is practically limitless.

There is no doubt that fibre is the future of the fast internet connection. Fibre lends its name from the cables it uses to transmit data. These cables are made up of up to a thousand individual strands of fibre made from silica glass or plastic, each one about the same thickness of a human hair.

These cables offer internet speeds of between 50Mbps and 100Mbps, and work over long distances too. Unlike DSL which makes use of copper wire, fibre cables don't lose any signal strength over long distances. In layman's terms, this means your home or your business can download, stream, VoIP-call or just browse the internet, much more reliably, quickly and without annoying or and thready connections.

The obvious solution

The obvious reason to upgrade to fibre is the broadband speed. For those needing to download large files, or for gamers who have to deal with the annoyance of 'lag', fibre is the obvious solution. Fibre also boosts productivity by making everything so much faster. This results in faster internal communications, more efficient browsing, easier and quicker sending of large files, as well as far faster data back-up. Many applications can run at the same time without losing speed, and videoconferencing becomes a total pleasure.

In addition, fibre helps flexible and remote working as speeds are not compromised during peak times. Big files can be downloaded at home, and faster speeds make staying in touch via videoconferencing or IP phones much easier.

Another big plus is fibre's affordability. With more and more providers offering fibre solutions, growing availability across South Africa and big investment from ISPs, fibre currently offers the fastest way of getting online and seamlessly accessing data and communicating.

Several different broadband providers supply fibre optic broadband in SA, and he advised those wishing to adopt fibre to shop around. There are several providers offering high-level comparisons on these fibre services - mainly highlighting price and speeds, but there is a lot more to fibre, and a lot more to evaluating a fibre provider than these two considerations alone.

Those wishing to compare fibre providers can go to www.whichvoip.co.za/comparison/fibre

ABOUT MITCHELL BARKER

Mitchell Barker is the founder and managing director of www.whichvoip.co.za, which provides a central view of all the credible VoIP operators in South Africa. Under his leadership, the site has expanded to include hosted PBX and Connectivity operators, and has grown into a VoIP and Hosted PBX information resource in sub-Saharan Africa.

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