

CYBERSMART  
LIGHTSPEED  
Nothing is Faster

# Uncapped Fibre



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**S**ince its founding in 1998, Cybersmart has established itself as the leading privately owned ISP in South Africa. At Cybersmart we believe in providing simple, easy to understand services that cut out unnecessary cost and complexity.

Ultimately, internet services should be measured by their speed and reliability. Cybersmart's mission is to provide South Africa with world class internet services at the best prices in the market.

## Zero Cost to the landlord. Fibre Internet at affordable prices.

### **Lightspeed Fibre To The Business (FTTB)**

Traditionally fibre based Internet has been available to Big Business and the Super-Rich. For the first time in South Africa Cybersmart's LightSpeed FTTB brings world class internet at speeds up to 200Mbps into your office at prices that you can afford.

Based on our having approval from the Building Owner to install a Lightspeed fibre distribution point in the building, we are able to offer high speed internet services at Fibre to the Business (FTTB) pricing.

### **Fibre in South Africa**

South Africa has seen a proliferation of undersea, intercity and metropolitan fibre

networks since 2009 when new entrants, such as Cybersmart, were first licensed to deploy their own networks.

The reason that fibre networks are being rolled out so quickly, is that fibre offers significant benefits over traditional copper or wireless networks. The benefits of Cybersmart's Lightspeed service over traditional ADSL and wireless services (such as those provided by the mobile networks) are discussed below.

### **Speed**

Fibre is proven to be the fastest technology available for transmitting data - more than 100 times faster than any service available over copper or wireless networks.

### **Symmetry**

Unlike ADSL, Lightspeed FTTB gives you symmetrical speeds – so that when you buy a 50 Mbps Lightspeed FTTB service, in actual fact 50Mbps is available – 50Mbps upload and 50Mbps download.

### **Low latency**

As transmitted data travels at the speed of light through fibre, your latency is significantly lower on fibre than any other technology. Symmetrical bandwidth with low latency is critical for real time services such as gaming, voice and video.

The product latency is: < 5ms anywhere in Western Cape, < 30ms to Johannesburg, < 175ms to UK.

## Security

Fibre offers much better security than copper (used for ADSL) or wireless technologies. Aside from the fact that fibre is almost always installed underground, it is virtually impossible to intercept data sent over fibre circuits. If you are looking at moving services into the cloud then fibre offers much better security than other technologies.

**Lightspeed is the only fibre service to offer a 100% uptime guarantee during business hours.**

## Uncapped bandwidth

The Lightspeed FTTB service is uncapped which means that you can use as much data as you want and you will not receive surprise out-of-bundle charges. The service is shaped to ensure that services such as voice, video, email, file transfers and web searches take preference over non core services such as torrents.

## Dedicated Voice Bandwidth

Cybersmart makes dedicated bandwidth available on its fibre connection for Voice over IP (VoIP) services to be provisioned by the client's VoIP provider of choice.

Voice traffic is segregated from data traffic on Cybersmart's network. This ensures that voice quality can never be compromised no matter how busy the date service gets.

## Quality of service

A single routing device is installed and managed free of charge in each office in order to control quality of service and shaping. Lightspeed's managed service ensures that no single person in a business can monopolize the bandwidth.

## 100% uptime guarantee

Lightspeed is the only service to offer a 100% uptime guarantee in business hours (7am to 7pm). This guarantee can be extended to 24 hours a day for businesses that run critical applications after hours.

Cybersmart will automatically refund your business for every minute that its service is not available each month. Cybersmart understands that reliable Internet access is essential to the operation of your business. The Cybersmart Lightspeed service comes with three contention ratios to suit any business requirement.

*Diagram of fibre connectivity from a Lightspeed distribution point to an office or floor.*



## Standard Service Rates

Speed	24 Month	12 Month
20Mbps	R2 899	NA
50Mbps	R4 999	R5 999
100Mbps	R5 999	R6 999
200Mbps	R9 799	R10 999
300Mbps	R13 999	R15 499
500Mbps	R17 999	R19 499

### Setup Fees

Setup is site specific but is usually R5500

