

CYBERSMART  
LIGHTSPEED  
Nothing is Faster

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100Mbps  
Uncapped  
Bandwidth  
R11999pm Excl. VAT  
24 months

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Fibre optic

# CYBERSMART

## Synopsis

Since 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.

### **Lightspeed Fibre Service**

The Cybersmart Lightspeed Fibre Service provides your business with world class internet at 100Mbps or faster at an affordable price.

### **How it works**

Data and voice packets are transmitted at the speed of light via a dedicated fibre pair from your office to Cybersmart's nearest data centre. Fibre connections are available in a 25km radius from Cape Town and Johannesburg CDB, 10km radius from Umhlanga, Durban and the Bloemfontein CDB. For added reliability Cybersmart has bought international internet capacity on all three undersea cable systems - SAT-3, Seacom and WACS.

### **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.

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## Benefits

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### **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. Investing in a fibre solution makes your business truly future proof.

### **Symmetry**

Unlike ADSL, fibre gives you symmetrical speeds – so when you buy a 100Mbps Lightspeed service, in actual fact 200Mbps is available – 100Mbps upload and 100Mbps 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 voice and video conferencing.

### **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 your business is looking at moving services into the cloud then fibre offers much better security than other technologies.

### **Uncapped bandwidth**

The Lightspeed service is uncapped which means that your business can use as much bandwidth as it wants – it will not receive surprise out-of-bundle charges. The service is shaped to ensure that business services such as voice, video conferencing, email, file transfers and web searches take preference over non core services such as torrents.

# LIGHTSPEED

## Benefits

### **Dedicated voice bandwidth**

Cybersmart uses Voice over IP (VoIP) technology to route voice calls over dedicated bandwidth on fibre connections. As a real time service, voice traffic is prioritized and completely segregated from data traffic on Cybersmart's network. This ensures that voice quality can never be compromised no matter how busy the data service gets.

Voice is always 1:1 when using Lightspeed in conjunction with a Cybersmart VoIP service.

### **Quality of service**

A single routing device is installed and managed free of charge at the customer's premises in order to control quality of service and shaping.

Lightspeed's managed service ensures that no single staff member on site can monopolize the company's bandwidth allowing higher productivity.

### **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.

Future proof your business with Lightspeed Fibre.

Lightspeed.co.za  
Nothing is Faster

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## Pricing

### 100Mbps Monthly Pricing

Service	24 Month	12 Month
Standard 10:1	R11 999*	R13 999*
Premium 4:1	R17 999	R19 999
Uncontended 1:1	R52 999	R59 999

\* Excludes 100% uptime SLA.

### 200Mbps Monthly Pricing

Service	24 Month	12 Month
Standard 10:1	R17 999	R19 999
Premium 4:1	R32 999	R36 999
Uncontended 1:1	R92,999	R105 999

### VoIP Pricing

Mobile	R0,60/min
Fixed	R0,30/min
International - available on request.	

#### Solution Description

The following are offered as part of the service

- 100% uptime SLA
- Free cloud based PBX
- Free basic virtual server
- Free basic website hosting
- Free quality of service
- Free customer equipment
- Dedicated fibre
- One public IP address

ALL pricing excludes VAT

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## Services

The Cybersmart Lightspeed service comes with three contention ratios to suit any business requirement.

### **Standard (10:1)**

The Standard Lightspeed 100Mbps service is ideal for the business that would like to significantly improve its internet service at the lowest price possible.

A 10:1 contention guarantees you a minimum of 10Mbps speed with speed up to 100Mbps achievable at least 10% of the time.

### **Premium (4:1)**

The Premium Lightspeed 100Mbps is ideal for the medium size business that is moving its services into the cloud.

A 4:1 contention guarantees that 25Mbps will be available with speeds up to 100Mbps achievable at least 25% of the time.

### **Uncontended (1:1)**

The Uncontended Lightspeed 100Mbps service for the discerning business is uncompromising when it comes to both reliability and speed.

A 1:1 contention guarantees that 100Mbps is available all of the time.

# LIGHTSPEED

## Notes

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Please contact us for a quote  
or for further information

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