

CYBERSMART
LIGHTSPEED
Nothing is Faster

Fibre Optic Internet

400*Mbps

*Customer configurable upload and download speeds.
The default setting is 200Mbps download and 200Mbps upload.

unshaped fibre

R899pm

Day

200
gigs

Cap from
7am to midnight

+

Night

1000
gigs

Cap from
midnight to 7am

Free Landline

T&Cs apply

phone: 021 * 010 *031 286 0127 | e-mail: info@lightspeed.co.za

www.lightspeed.co.za

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.

Internet services should be measured by 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 To The Home (FTTH)

Traditionally fibre based Internet has been available to Big Business and the Super-Rich. For the first time in South Africa Cybersmart's LightSpeed FTTH brings world class internet at speeds up to 400Mbps into your living room at prices that you can afford.



Lightspeed FTTH offers double the speed of its nearest competitor!

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 why fibre networks are being rolled out so quickly is because 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.

Customised speeds

Clients can now manage their own speeds to suit their usage requirements. They have access to a user interface where they can adjust their upload and download speeds. These options range from a symmetrical service of 200 Mbps upload and 200Mbps download (default) to a maximum upload/download of 400 Mbps and a minimum upload/download of 10 Mbps.

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.

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.

VOIP Telephony

Cybersmart uses Voice over IP (VoIP) technology to route voice calls over bandwidth on fibre connections.

Quality of service

This service is unshaped for the duration of the data cap. This means that all internet protocols are treated equally. When the cap is exceeded, internet access will cease. The customer will still be able to access the page that allows them to purchase additional data (top-up). Once a top-up is complete, services will continue.

How it works

Cybersmart installs distribution fibre into a centrally located area in your block of flats, usually in the basement. From there, Cybersmart installs fibre to a wall box in each

apartment that takes up services. When an apartment subscribes to the Lightspeed FTTH service, an installer will run a fibre duct to a position in the flat that is most convenient for the owner / tenant.

Data and voice packets are transmitted at the speed of light via the fibre in your apartment to Cybersmart's nearest data center in Cape Town, Johannesburg, Bloemfontein or Durban. Cybersmart's fully meshed metro fibre networks are powered by premium Cisco equipment. For added reliability Cybersmart has bought international internet capacity on all three undersea cable systems - SAT-3, Seacom and WACS.

How do you get the price so low ?

In order to offer internet over fibre, the sidewalk needs to be trenched, fibre needs to be laid in the ground and the sidewalk needs to be reinstated. This is extremely expensive.

The greater the number of people that can be serviced per square meter the lower the cost will be per customer. It costs the same amount of money to bring fibre to a house as it does to a block of flats, but the population density in a block of flats can be up to 100 times higher, which means that the cost of fibre access can be 100 times lower.

Pricing

Cybersmart reticulates the building at its own cost and its own risk. It is the only company in South Africa that does this. So it costs the Body Corporate ZERO to allow Cybersmart to bring a Lightspeed fibre distribution point to the building.

All we require is the following:

Permission from the Body Corporate to allow Cybersmart to install fibre into the building, up the building risers and to the apartments.

- A space in the basement or other centralised point of approximately 1 cubic meter. We need to be able to get access to this space to

install new customers and to troubleshoot existing customers.

- 1 power plug with at least 10Amps.

-

Benefits to the apartment owner

- Having access to the latest technology should increase the value of the apartment or the rental achievable in the apartment.
- A single cable to run multiple services - voice/video/internet.
- The ability to use cloud services such as office 365, Dropbox, Google apps.
- The ability to subscribe to streaming video services using your computer, laptop, appletv, roku, chromecast .
- The ability to subscribe to ip television services.
- Cellphone and voice call rates up to 50% below other Telco rates.
- Your landline voice mail can be delivered to your email address.
- Prepaid option on your landline phone at no extra cost, which is essential if the apartment is tenanted.
- Installation time frame to light up the building with fibre is +- 90 days to get the fibre from our closest manhole in the street to the distribution cabinet installed in the basement. 5-7 days to install a fibre cable from the distribution cabinet in the basement to the top floor and 2-3 days per floor to get a fibre to each apartment.
- Use your night time cap, even when your daytime cap is exhausted.

Why Lightspeed?



- ✓ Twice as fast
- ✓ Symmetrical up- and downloads
- ✓ Free landline
- ✓ Use your existing phone handset
- ✓ Free router
- ✓ Top up data never expires
- ✓ Unshaped data
- ✓ Free voice mail to e-mail

FTTH (Fibre to the Home) Pricing (incl. VAT)

Standard Monthly Rates			
Speed	Service Fee	Day Data 7am - 12am	Night Data 12am - 7am
400Mbps*	R599pm	20 Gigs	100 Gigs
400Mbps*	R899pm	200 Gigs	1000 Gigs
400Mbps*	R1499pm	500 Gigs	2500 Gigs

Top Up Rates - 400Mbps		
Day Data 7am - 12am	Night Data 12am - 7am	Rate
20 Gigs	100 Gigs	R99
50 Gigs	250 Gigs	R199
100 Gigs	500 Gigs	R299

*Customer configurable upload and download speeds. Capped data expires monthly.

Contract Terms

Month to Month - Installation R1499 incl. VAT

12 Months - Installation R999 incl. VAT



Tip: Set your automated downloads to run between 12am and 7am to make maximum use of your purchased data. Top Up data does not expire. Top up today and use the data next month.

Telephony - 1 FREE landline number provided with the service

Voice Call Rates

Mobile: Local & International* 69c /per min, per sec
Fixed Line: Local & International* 35c /per min, per sec

*Excludes African countries. (African rates on request) incl. VAT

There is no need to replace your existing telephone handset. The router allows for two phones.



021 286 0127 | 031 286 0127 | 010 286 0127 | www.lightspeed.co.za

