



LET'S  
WORK  
TOGETHER.

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## SmartBoosters SA

Your Mobile Phone Signal Boosters Specialist

**Small Home & Office | Large Buildings | Customs Solutions**

[www.smartboosters.co.za](http://www.smartboosters.co.za)

## WHO WE ARE

Smart Boosters has helped thousands of people, corporate organisations, hotels, hospitals, universities and colleges solve and enhance their mobile phone signals coverage since 2003. As one of the pioneers who have partnered with top notch manufacturer to reinvent digital phone signal boosters, we believe that high-quality Signal Boosters can and should deliver the best performance and reliable reception of mobile phone signal coverage at an affordable price. This is what motivates us to continually Partner with top boosters' manufacturers to innovate and improve designs and quality, while at the same time keeping our eye on providing you with the best value.

## WHAT WE DO

## OUR CUSTOM SOLUTION AND HOW IT WORKS

### Distributed Antenna System.( DAS)

With the Passive DAS (Distributed antenna system) you pay a fraction of what you would pay the network provider to solve this. In this system an **Outdoor antenna** is mounted on the highest point of building with good signal usually on the roof. This is then followed by a coax cable connected to the antenna on the roof and access into the building to connect to the booster. Depending on coverage area, coax cable/s is then ran from the booster to various points in the building where signal improvement is required. The Booster pulls in signal from outside with the help of the high power outdoor antenna through the **coax cable** . This signal is then filtered by the Booster and redistributed in the building with the use of **indoor antennas** attached to the Booster

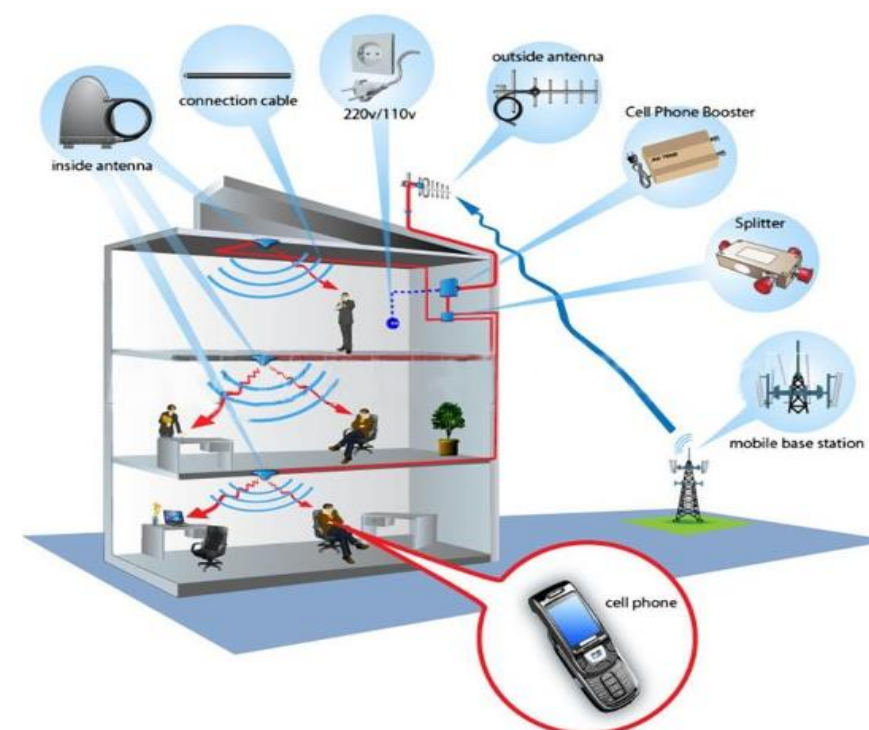
Depending on the coverage area signal improvement is required, extra cabling, splitters and antennas maybe required to ensure all areas are covered

***We design solution tailored to suit your mobile phone signal needs..***

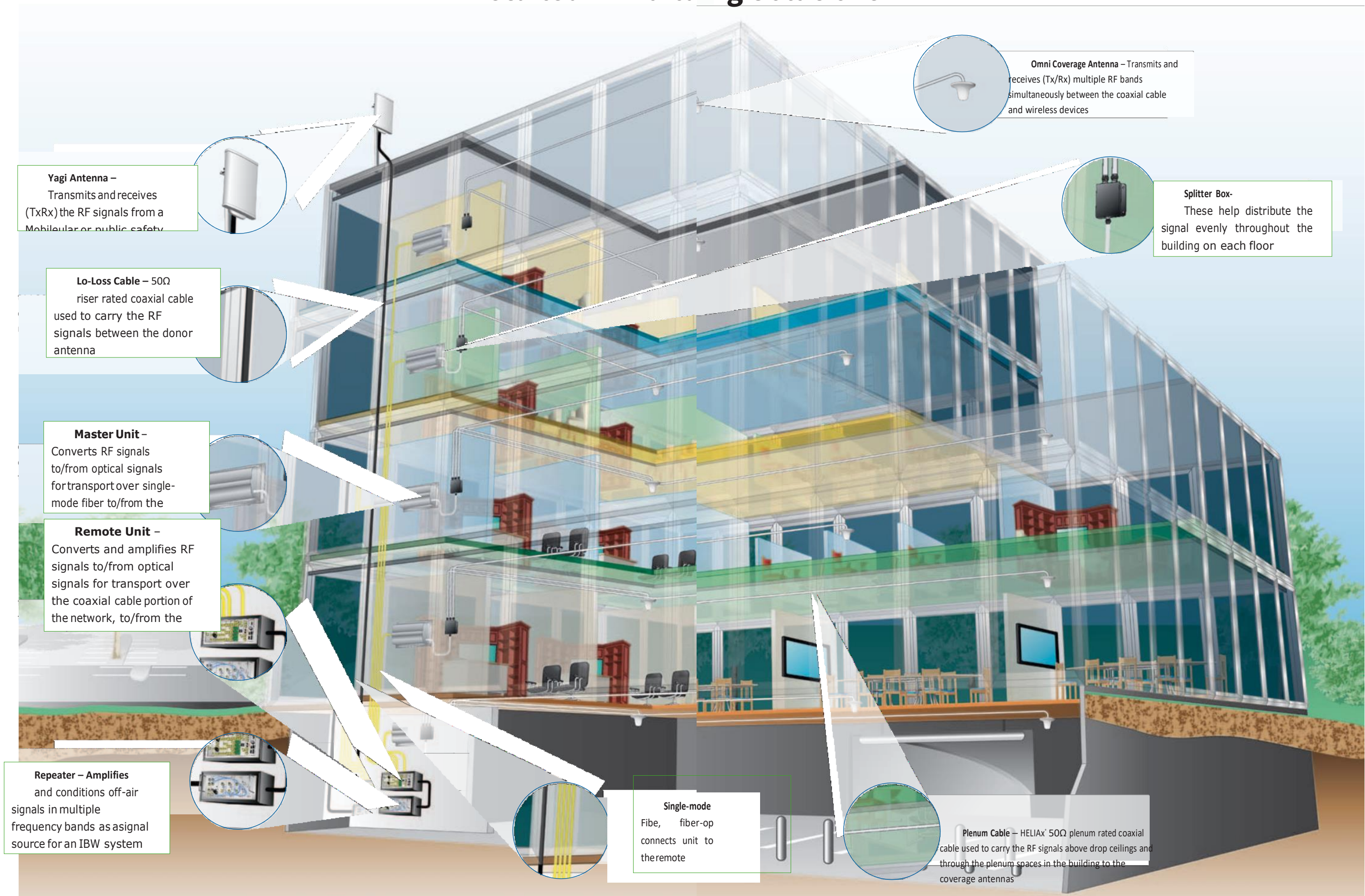
## Why Choose SmartBoosters Products?

Our **Boosters and accessories** are designed with durability in mind and our services are the best in the industry. **We are so confident you'll be happy with your purchase, and our confidence drives us to being the only sellers that offers our customers 3 years warranty on all our Boosters.**

Our incredible staff are available 5-days in a week to answer your calls, email and live chat. They also stay on top of things at the weekends with Emails and live chat to provide you with the most up to date information on products for home and office signal solutions. Our dedicated RF Engineers can help you design the right custom solutions for large and high rise buildings for your installation needs.



# Detailed In-Building Solutions



**Yagi Antenna –**  
Transmits and receives (Tx/Rx) the RF signals from a Mobilular or public safety

**Omni Coverage Antenna –** Transmits and receives (Tx/Rx) multiple RF bands simultaneously between the coaxial cable and wireless devices

**Splitter Box-**  
These help distribute the signal evenly throughout the building on each floor

**Lo-Loss Cable –** 50Ω riser rated coaxial cable used to carry the RF signals between the donor antenna

**Master Unit –**  
Converts RF signals to/from optical signals for transport over single-mode fiber to/from the

**Remote Unit –**  
Converts and amplifies RF signals to/from optical signals for transport over the coaxial cable portion of the network, to/from the

**Repeater – Amplifies** and conditions off-air signals in multiple frequency bands as a signal source for an IBW system

**Single-mode Fibe,** fiber-op connects unit to the remote

**Plenum Cable –** HELIAX® 50Ω plenum rated coaxial cable used to carry the RF signals above drop ceilings and through the plenum spaces in the building to the coverage antennas

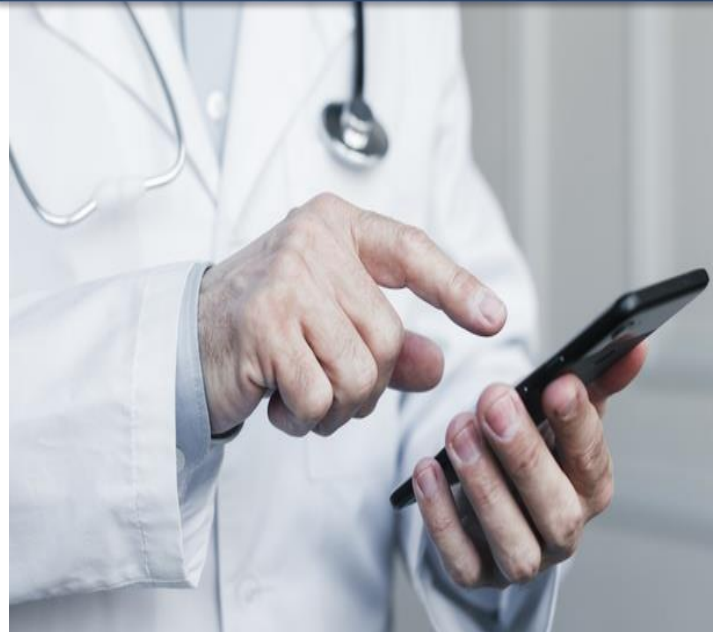
# Custom Solutions For

## HEALTH & HOSPITALS

## HOTELS

## HOME & OFFICE SOLUTIONS

## EDUCATION



Making sure all Hospital Personnel including doctors, nurses, hospital executives stay in touch and make life saving calls at all-time. For doctors and emergency workers using mobile phones as dedicated communication channel have proven to be more effective than beepers. Our engineers can design a system that will improve and increase mobile phone signal.

As a hotel owner or manager mobile phone signal is probably not among the most vital on your list, but research has proven that 80% of guests will repeat their visit if there is good mobile phone signal coverage in a hotel amongst other facilities. Travellers in recent times increasingly depend on their mobile phone for both business and personal use.

Our systems can help amplify mobile phones signals in large office buildings and warehouses for all South African network 2g 3g 4g voice and data. All our systems comes with a 3 years manufacturer's warranty that is three years of rest of mind and are all ICASA licence exempt.

Most structures in universities old or new are constructed with materials that interfere with mobile phone signal thus preventing the radio frequency signal from penetrating into the building. Leaving both staff and students with little or no signal. Our solution can significantly improve the mobile phone signal in the lecture halls & offices..

[LEARN MORE](#)

# Home and Office Signal Solutions



Cell phone signal in Home and office can be a nightmare at times especially with the types of materials used in the constructions of modern-day infrastructures. This material though sophisticated and good for building durability highly affect the penetration of RF signals into the building leaving the occupants struggling to make and answer calls on their mobile phones inside the building. Built with all types of structure and buildings in mind, our boosters can push RF signal through solid wall and insulations to effectively improve in-building signals.

## Small home and office signal solutions

The **Mini signal booster** is design to improve mobile phone signal coverage for small spaces up to 250sqm. It can significantly improve signal for all South African Networks and their Partners networks. With a boosting power of 10-13 Dbm it has the capability of enhancing voice or data signals or both as it comes as **Single and Dual band** with frequencies ranging from **800/900/1800/2100 MHz**



## Vehicle Boosters

Our Vehicle Booster can improve mobile phone signal coverage for all kinds of automobile, caravans and mobile homes. It can significantly improve signal for all South African Networks and their Partners networks for voice and data 2g/3g/4g. With a boosting power of up to 17Dbm comes as **Single and Dual band** with frequencies ranging from **800/900/1800/2100 MHz**.



[LEARN MORE](#)

## Large home and office signal solutions

You can count on our Pro **signal booster**.

Design to improve mobile phone signal coverage for large spaces up to 500 sqm.

It can significantly improve signal for all South African Networks and their Partners networks for voice and data 2g/3g/4g.

With a boosting power of up to 17 comes as **Single and Dual band** with frequencies ranging from **800/900/1800/2100 MHz**.

[LEARN MORE](#)



## Multi rooms and offices signal solutions

You can count on our Pro **signal booster**.

Design to improve mobile phone signal coverage for large spaces up to 500 sqm

It can significantly improve signal for all South African Networks and their Partners networks for voice and data 2g/3g/4g.

With a boosting power of up to 20 DBm comes as **Single and Dual band** with frequencies ranging from **800/900/1800/2100 MHz**

**Please note that for our multi-rooms solutions purchase of extra accessories will be required to complete your installation.**



Our solutions can improve mobile phone signal for one or all of South African Network for voice and data

# Let's Have A Chat About Your Mobile Phone Signal Solutions.



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