

Home&Office



HiBoost Hi13-3SL

## Description

HiBoost triband booster Hi13-3SL is designed to improve mobile signal for end users directly. It covers any indoor area up to 1000 square meters and is guaranteed to supply great communication experience with clearer calls and higher mobile data speeds than ever.



### Key Features

- Supports LTE800, EGSM900, WCDMA2100 MHz
- Real-time LCD display
- Manual and automatic gain control functions
- Built-in indoor antenna
- Bluetooth and Wi-Fi modules
- Setup and monitoring via a mobile app
- Self-oscillation protection
- Quality built, strong and durable construction
- Conforms to ETSI&3GPP standards



### Standard Kit Includes

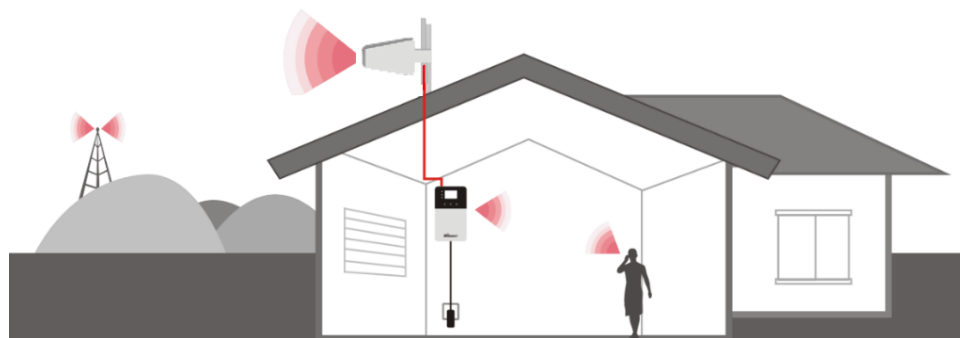
- Triband mobile signal booster with built-in indoor antenna
- Outdoor wide band directional antenna
- 50 ft (15.2m) low-loss HiBoost200 cable
- 12V/3A, AC/DC power supply





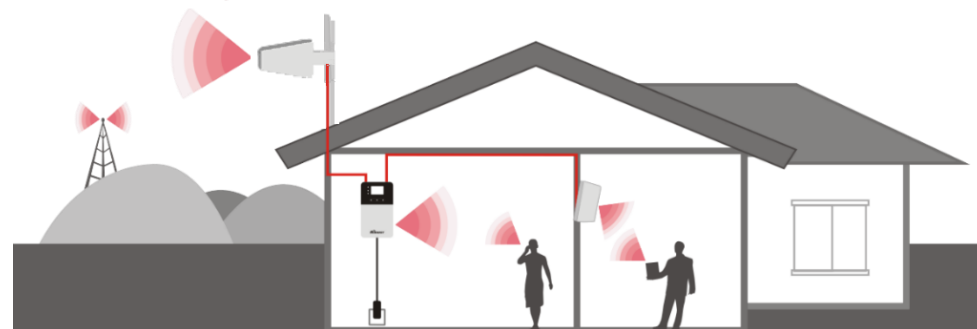
## Installation Examples

Standard Kit (coverage up to 500 sq.m)



1-Outdoor directional antenna  
2-50ft (15.2m) Hiboost200 cable  
3-Booster with built-in indoor antenna

Up to 2 optional Panel or Omni Kits (+1 /2 indoor panel/omni antenna  
- coverage up to 1000 sq.m.)



1-Outdoor directional antenna  
2-50ft (15.2m) Hiboost200 cable  
3-Booster with built-in antenna  
4-Indoor panel/omni antenna + 50ft(15.2m) cable



## Specification

| RF Parameter                    |         | Uplink  | Downlink     |
|---------------------------------|---------|---|--------------|
| Frequency Range                 | 800MHz  | 832~862MHz                                    | 791~821MHz   |
|                                 | 900MHz  | 880~915MHz                                    | 925~960MHz   |
|                                 | 2100MHz | 1920~1980MHz                                  | 2110~2170MHz |
| Max .Gain                       |         | 65dB  |              |
| MGC ( Step Attenuation )        |         | ≥31dB / 1dB step                              |              |
| Intelligent AGC*                | ALC     | ≥42dB   |              |
|                                 | ISO     | ≥42dB   |              |
| Gain Flatness                   |         | Typical≤5dB (p-p)                             |              |
| Noise Figure @ Max. System Gain |         | Typical≤5dB                                   |              |
| V.S.W.R                         |         | Typical≤2                                     |              |
| Group Delay                     |         | ≤1μs  |              |
| Frequency Stability             |         | ≤0.01ppm                                      |              |
| <b>Electrical Parameter</b>     |         |   |              |
| Power Supply                    |         | Input AC90~264V,50/60Hz, Output DC12V/3A      |              |
| Power Consumption               |         | ≤10W  |              |
| Input & Output Impedance        |         | 50 ohm  |              |
| <b>Indicator</b>                |         |   |              |
| LCD Display                     |         | Frequency, Gain, Output Power, ALC, ISO, etc. |              |
| <b>Mechanical Parameter</b>     |         |   |              |
| I /O Port Type                  |         | N-Female                                      |              |
| Dimension                       |         | 10*6.1*2.1inch/255*154*53mm                   |              |
| Weight                          |         | ≤3.97lbs/1.8KG                                |              |
| <b>Environment Parameter</b>    |         |   |              |
| Operating Temperature           |         | -10°C~+55°C                                   |              |
| Storage Temperature             |         | -10°C~+80°C                                   |              |
| Relative Humidity               |         | 5% – 95%                                      |              |
| Barometric Pressure             |         | 55 kPa –106 kPa                               |              |
| Environment Conditions          |         | IP40  |              |

\* MGC, ALC and ISO share intelligent AGC 42 dB range.

\*\* ALC: 42dB automatic gain adjustment range to stabilize the output power.

\*\*\* ISO: 42dB intelligent isolation processing to avoid self-oscillation.

Note: This is a typical specification for room temperature.

We reserve the right to change this specification without prior notice.