



Home&Office Series

HiBoost Hi13-5S

Description

Five band booster HiBoost Hi13-5S 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, DCS1800, WDMA2100 and LTE2600 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

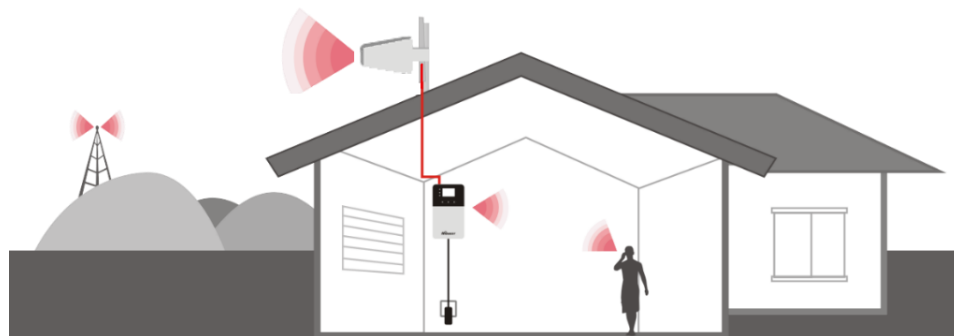
- 5 band mobile signal booster with built-in indoor antenna
- Outdoor wide band directional antenna
- 50 ft (15.2m) low-loss HiBoost200 cable
- 12V/3A, AC/DC power supply





Installation Examples

Standard Kit (coverage up to 500 sq.m)

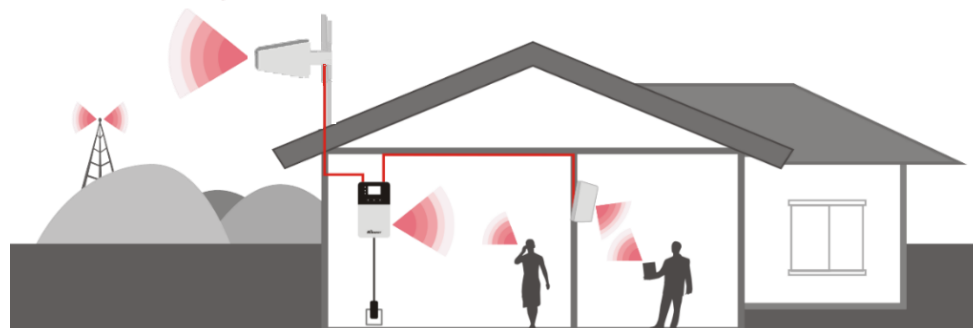


1-Outdoor directional antenna

2-50ft (15.2m) Hiboost200 cable

3-Booster with built-in indoor antenna

Standard Kit + 1 or 2 sets of optional Panel/ Omni Kit (+1 /2 indoor panel/omni antennas – 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 | 791~821 MHz |
| | 900MHz | 880~915MHz | 925~960MHz |
| | 1800MHz | 1710~1785MHz | 1805~1880MHz |
| | 2100MHz | 1920~1980MHz | 2110~2170MHz |
| | 2600MHz | 2500~2570MHz | 2620~2690MHz |
| Max .Gain | | 60dB | 65dB |
| MGC (Step Attenuation) | | ≥31 dB / 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 | | ≤0.01 ppm | |
| Electrical Parameter | | | |
| Power Supply | | Input AC90~264V,50/60Hz, Output DC12V/3A | |
| Power Consumption | | ≤12W | |
| Input & Output Impedance | | 50 ohm | |
| Indicator | | | |
| LCD Display | | Frequency, Gain, Output Power, ALC, ISO, etc. | |
| Mechanical Parameter | | | |
| I /O Port Type | | N-Female | |
| Dimension | | 153 x 246 x 36mm/ 6 x 9.7 x 1.4inch | |
| Weight | | ≤3.97lbs/1.8KG | |
| Environment Parameter | | | |
| 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.

Huaptec reserves the right to change this specification without prior notice.