



Home&Office

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

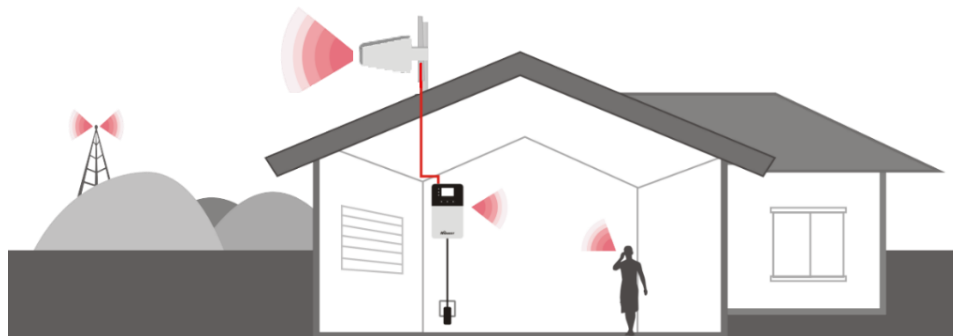
- 5 band mobile signal booster with built-in indoor antenna
- Outdoor wide band directional antenna
- 50 ft (15.2m) low-loss HiBoost200 cable
- 12V/3A, AC/DC power supply





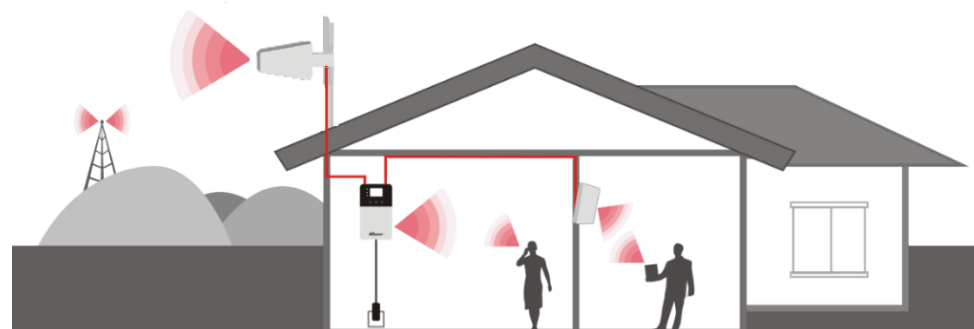
## Installation Examples

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

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	791~821MHz
	900MHz	880~915MHz	925~960MHz
	1800MHz	1710~1785MHz	1805~1880MHz
	2100MHz	1920~1980MHz	2110~2170MHz
	2600MHz	2500~2570MHz	2620~2690MHz
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.

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