Home&Office Series

HiBoost Hi13–LTE800

## Description

HiBoost single band booster Hi13-LTE800 is designed to improve m obile signal for end users directly. It covers any indoor area up to 1000 squ are meters and is guaranteed to supply great communication exper ience with clearer calls and higher mobile data speeds than ever.



### Key Features

- Supports 4G LTE 800 MHz
- Real time LCD display
- Manual and automatic gain control functions
- Self-oscillation protection
- High integration
- Compact and light
- Good heat dissipation for long time operation
- Wide power supply range and low power

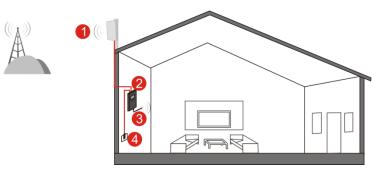


#### consumption

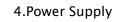
### **Booster Kit Includes**

- Hi13- LTE800 mobile signal booster
- Outdoor panel antenna
- 50 ft(15.2m) low-loss HiBoost200 3D Cable
- $\boldsymbol{\cdot}$  Indoor whip antenna
- 5V/3A,AC/DC power supply

### Installation Example



- 1. Outdoor Panel Antenna 2.Booster 3.Indoor Wh
  - 3.Indoor Whip Antenna



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**THBOUST** We Improve Your Mobile Signal





# Specification

RF Parameter		Uplink	Downlink	
Frequency Range	800MHz	832~862MHz	791~821MHz	
Max .Gain		63dB	65 <b>dB</b>	
Max .Output power			13dBm	
MGC ( Step Attenuation )		$\geq$ 31dB / 1dB step	$\geq$ 31dB / 1dB step	
Intelligent AGC*	ALC	≥42dB		
	ISO	≥42dB		
Gain Flatness		Typical≤5dB (p-p)	Typical≤5dB (p-p)	
Noise Figure @ Max. System Gain		Typical≤5dB	Typical≤5dB	
V.S.W.R		Typical≤2	Typical≤2	
Group Delay		≤1µs	≤1µs	
Frequency Stability		≤0.01ppm		
<b>Electrical Parameter</b>				
Power Supply		Input AC100~240V,	Input AC100~240V,50/60Hz,Output DC5V/3A	
Power Consumption		$\leq 10W$		
Input & Output Impedance		50 ohm	50 ohm	
Indicator				
LCD Display		Frequency, Gain, Ou	Frequency, Gain, Output Power, ALC, ISO, etc.	
Mechanical Paramete	er			
I /O Port Type		N-Female	N-Female	
Dimension		4.7*6.1*1.3 inch/12	4.7*6.1*1.3 inch/120*198*34mm	
Weight		$\leq$ 1.5 lbs/0.7KG	≤1.5 lbs/0.7KG	
Environment Parame	ter			
Operating Temperature		-10°C~+55°C		
Storage Temperature		-10°C~+80°C	-10°C~+80°C	
Relative Humidity		5% - 95%	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: Typical specification for room temperature. We reserve the right to change this specification without prior notice.

