

Home&Office Series



HiBoost Hi13-LTE800

Description

HiBoost single band booster Hi13-LTE800 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 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

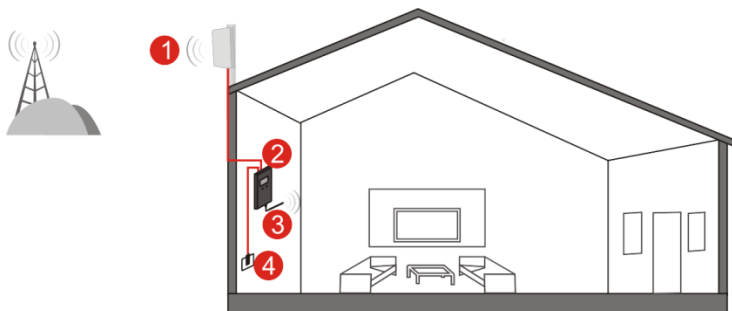


Booster Kit Includes

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



Installation Example



1. Outdoor Panel Antenna 2.Booster 3.Indoor Whip Antenna 4.Power Supply



Specification

RF Parameter		Uplink	Downlink
Frequency Range	800MHz	832~862MHz	791~821MHz
Max .Gain		63dB	65dB
Max .Output power			13dBm
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	
Electrical Parameter			
Power Supply		Input AC100~240V,50/60Hz,Output DC5V/3A	
Power Consumption		≤10W	
Input & Output Impedance		50 ohm	
Indicator			
LCD Display		Frequency, Gain, Output Power, ALC, ISO, etc.	
Mechanical Parameter			
I /O Port Type		N-Female	
Dimension		4.7*6.1*1.3 inch/120*198*34mm	
Weight		≤1.5 lbs/0.7KG	
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: Typical specification for room temperature.

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