

Home&Office



HiBoost Hi13-3S

Description

HiBoost triple band booster Hi13-3S is designed to improve mobile signal for end users directly. It covers any indoor area up to 500 square meters (open space area) and is guaranteed to supply great communication experience with clearer calls and higher mobile data speeds than ever.



Key Features

- Supports EGSM900, DCS1800 and WCDMA2100 MHz
- Real-time LCD display
- Manual and automatic gain control functions
- Built-in indoor antenna
- Setup and monitoring via a mobile app
- Self-oscillation protection
- Quality built, strong and durable construction
- Conforms to ETSI&3GPP standards



Standard Kit Includes

- Hi13-3S mobile signal booster with built-in indoor antenna
- Outdoor wide band directional antenna
- 50 ft (15.2m) low-loss HiBoost200 3D cable
- 12V/3A, AC/DC power supply
- SMA male to N-female connector





Specification

RF Parameter	Uplink	Downlink	
Frequency Range	900MHz	880~915MHz	925~960MHz
	1800MHz	1710~1785MHz	1805~1880MHz
	2100MHz	1920~1980MHz	2110~2170MHz
Max .Gain	65dB	65dB	
Max.Output Power	17dBm	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	≤0.01 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	10*6.1*2.1inch/255*154*53mm		
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.

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