



Hiboost Wide Band Booster Single Band 900MHz Hi13-GSM

Description

Hi13-GSM Wide Band Booster is designed to improve mobile signals for end users directly. It covers any indoor area up to 500 square meters and is guaranteed to supply great communication experience with clearer calls and higher data download speed than ever.

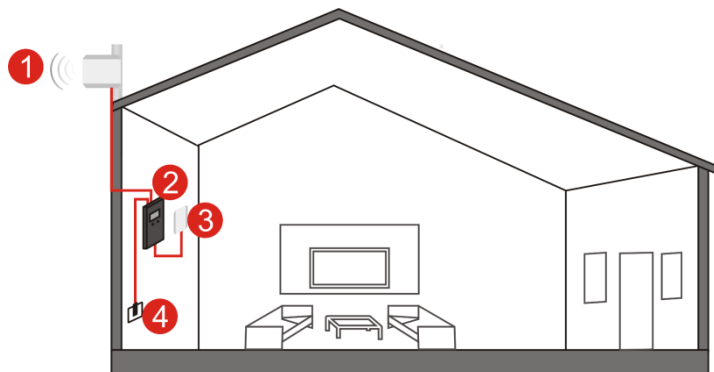


Key Features

- Support 900MHz
- Real-time LED 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



Installation Example



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

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Specification

RF Parameter		Uplink	Downlink
Frequency Range	900MHz	890~915MHz	935~960MHz
Max .Gain		65dB	65dB
Max .Output Power		17dBm	13dBm
MGC (Step Attenuation)		31dB	
Intelligent AGC*	ALC	≥31dB	
	ISO	≥31dB	
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		≤5W	
Input & Output Impedance		50 ohm	
Indicator			
Power LED	1)Green: Power ON 2)OFF: Power OFF		
ISO LED	1)Green: No loop back or no self-oscillation 2)Slow Flashing Green: Slight loop back or self-oscillation 3)Quick Flashing Green: Deep loop back or self-oscillation 4)Quick Flashing Red: Severe loop back or self-oscillation		
Alarm LED	1)Green: Output power is not full 2)Slow Flashing Green: Full output power 3)Quick Flashing Green: Output power is over rated 4)Quick Flashing Red: Output power is severe over rated		
Mechanical Parameter			
I/O Port Type	N-Female		
Dimension	4.7*5.3*1.3 inch/120*135*34mm		
Weight	≤1.5 lbs/0.7KG		
Environment Parameter			
Operating Temperature	-10°C~+55°C		
Environment Conditions	IP40		

* MGC, ALC and ISO share intelligent AGC 31 dB range.

ALC: 31dB automatic gain adjustment range to stabilize the output power.

ISO: 31dB intelligent isolation processing to avoid self-oscillation.

The information in this specification reserves the right to change without notice.

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