



Hiboost Wide Band Booster Single Band 900MHz Hi23-EGSM

Description

Hi23-EGSM Wide Band Booster is designed to improve mobile signals for end users directly. It covers any indoor area up to 3000 square meters and is guaranteed to supply great communication experience with clearer calls and higher data download speed than ever.

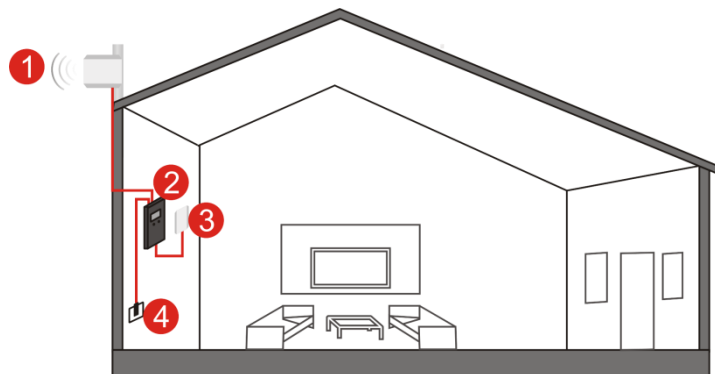


Key Features

- Support 900MHz
- Real-time 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



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	880~915MHz	925~960MHz
Max .Gain		70dB	75dB
Max .Output Power		17dBm	23dBm
MGC (Step Attenuation)		≥31dB / 1dB step	
Intelligent AGC*	ALC	≥51dB	
	ISO	≥51dB	
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			
LCD Display		Frequency, Gain, Output Power, ALC, ISO, etc.	
Mechanical Parameter			
I/O Port Type		N-Female	
Dimension		8.6*5.3*2.0 inch/218*135*50mm	
Weight		≤2.2lbs/1KG	
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 51 dB range.

ALC: 51dB automatic gain adjustment range to stabilize the output power.

ISO: 51dB intelligent isolation processing to avoid self-oscillation.

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

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