



PRO Series

HiBoost Hi23-EW

## Description

Voice+3G wide band booster HiBoost Hi23-EW is designed to improve mobile signal for end users directly. It covers any indoor area up to 5500 square meters and is guaranteed to supply great communication experience with clearer calls and higher mobile data speeds than ever.



## Key Features

- Supports EGSM 900 and WCDMA 2100MHz
- 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



## Standard Kit Includes

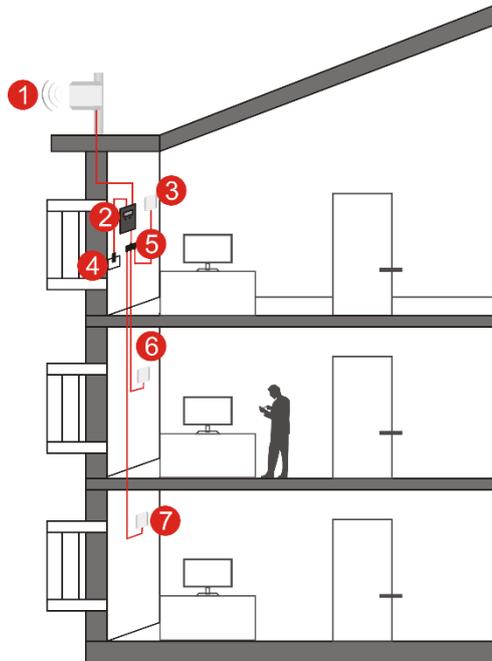
- Dual band mobile signal booster
- Outdoor wide band panel antenna
- 50 ft (15.2m) low-loss HiBoost200 cable
- 12V/3A, AC/DC power supply





## Installation Example

Standard Kit + Panel/Omni PRO Kit upgradable up to 8 indoor antennas + splitters, couplers, etc.



1-Outdoor panel antenna

3, 6, 7-Indoor panel antennas

5-Three-way splitter

2-Mobile signal booster

4-Power supply



## Specification

RF Parameter		Uplink	Downlink
Frequency Range	900MHz	880~915MHz	925~960 MHz
	2100MHz	1920~1980MHz	2110~2170 MHz
Max .Gain		70dB	75dB
MGC ( Step Attenuation )		≥31 dB / 1 dB 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		≤1 μs	
Frequency Stability		≤0.01 ppm	
<b>Electrical Parameter</b>			
Power Supply		Input AC100~240V,50/60Hz,Output DC12V/3A	
Power Consumption		≤10W	
Input & Output Impedance		50 ohm	
<b>Indicator</b>			
LCD Display		Frequency, Gain, Output Power, ALC, ISO, etc.	
<b>Mechanical Parameter</b>			
I / O Port Type		N-Female	
Dimension		4.7*7.8*1.3 inch/120*198*34mm	
Weight		≤2.2lbs/1KG	
<b>Environment Parameter</b>			
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.