



PRO Series

HiBoost Hi23-ENR700

## Description

HiBoost dual band booster Hi23-ENR700 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 NR700MHz
- Real time LCD display
- Manual and automatic gain control functions
- Self-oscillation protection
- High integration
- Bluetooth and Wi-Fi modules
- Good heat dissipation for long time operation
- Wide power supply range and low power consumption



## Standard Kit Includes

- Hi23-ENR700 mobile signal booster
- Outdoor Directional Antenna
- Indoor Panel Antenna
- 2x50 ft (15.2m) low-loss HiBoost200 (3D) Cable
- 12V/3A, AC/DC power supply





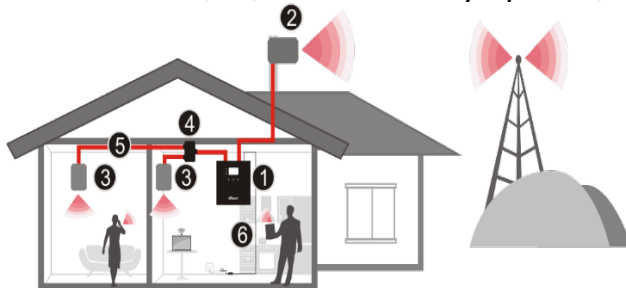
## Installation Examples

a) Optional Panel Pro Kit (+1x indoor panel antenna+1x 35 ft (10.6m) low-loss HiBoost200 (3D) cable)



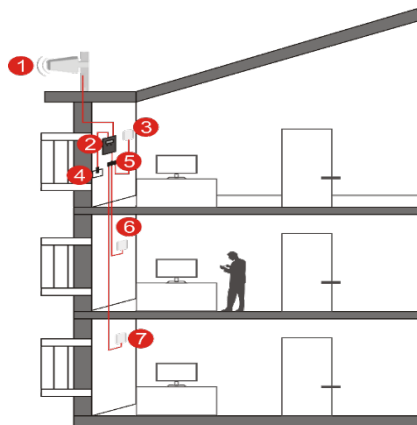
- 1-Outdoor directional antenna
- 2-Booster
- 3- Indoor panel antenna
- 4-Power supply

b) 2x Optional Panel Pro Kit (+2 indoor panel antenna+2x 35 ft (10.6m) low-loss HiBoost200 (3D) cable)+1x 3.3 ft(1m) low-loss HiBoost200 (3D) cable+2-way splitter)



- 1-Booster
- 2-Outdoor directional antenna
- 3- Indoor panel/omni antenna
- 4-2-way splitter
- 5-cable
- 6-power supply

c)3x Optional Panel Pro Kit (+3 indoor panel antennas+3x 35 ft (15.2m) low-loss HiBoost200 (3D) cable)+ 1x 3.3 ft(1m) low-loss HiBoost200 (3D) cable+3-way splitter)



- 1-Outdoor directional antenna
- 2- Booster
- 3, 6, 7- Indoor panel/omni antennas
- 4-Power supply
- 5-3-way splitter



## Specification

RF Parameter		Uplink	Downlink
Frequency Range	700MHz	703~733MHz	758~788 MHz
	900MHz	880~915MHz	925~960 MHz
Max Gain		70dB	75dB
Max Output power		20dBm	23dBm
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 DC12V/3A	
Power Consumption		≤15W	
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*7.8*1.3 inch/120*198*34mm	
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 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.