



Analog Solution

HiBoost Hi20-EDWL2600

## Description

Hiboost quad band booster Hi20-EDWL2600 is designed to improve mobile signal 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 mobile data speeds than ever.



### Key Features

- Supports EGSM900, DCS/LTE1 800, WCDMA2100 and LTE2600 MHz
- Real-time LCD display
- Manual and automatic gain control functions
- Bluetooth and Wi-Fi modules
- Setup and monitoring via a mobile app
- Self-oscillation protection
- Quality built, strong and durable construction
- Conforms to ETSI&3GPP standards



Picture for reference only



### Standard Kit Includes

- Hi20-EDWL2600 mobile signal booster
- 12V/7A, AC/DC power supply
- Outdoor directional antenna
- 50 ft (15.2m) low-loss Hiboost 5D cable





## Installation Examples

a) Optional Panel Pro kit or Omni Pro Kit (+1x indoor panel/omni antenna+1x 35 ft (10.6m) low-loss Hiboost 5D cable)



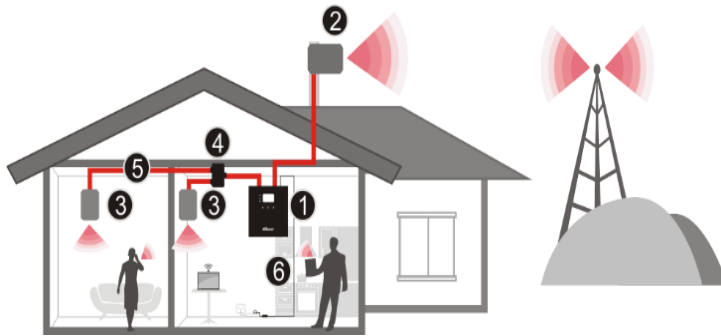
1-Outdoor directional antenna

2-Booster

3- Indoor panel/omni antenna

4-Power supply

b) 2x Optional Panel Pro kit or Omni Pro Kit (+2 indoor panel/omni antenna+2x 35 ft (10.6m) low-loss Hiboost 5D cable)+1x 3.3 ft(1m) low-loss Hiboost 3D cable+2-way splitter



1-Booster

2-Outdoor directional antenna

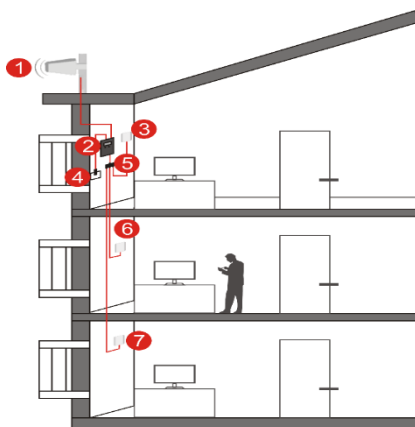
3- Indoor panel/omni antenna

4-2-way splitter

5-cable

6-power supply

c) 3x Optional Panel Pro kit or Omni Pro Kit (+3 indoor panel/omni antennas+3x 35 ft (15.2m) low-loss HiBoost 5D cable)+ 1x 3.3 ft(1m) low-loss HiBoost 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
	900MHz	880.1~894.5MHz	925.1~939.5MHz
	1800MHz	1754.9~1769.9MHz	1849.9~1864.9MHz
	2100MHz	1940~1960MHz	2130~2150MHz
	2600MHz	2520~2540MHz	2640~2660MHz
Max .Gain		70dB	70dB
Max. Power		20dBm	20dBm
MGC ( Step Attenuation )		≥31dB / 1dB step	
Intelligent AGC*	ALC	≥42dB	
	ISO	≥42dB	
Pass band Ripple		±5dB	
Noise Figure @ Max. System Gain		Typical≤5dB	
V.S.W.R		Typical≤1.5	
Propagation Delay		≤1 μs	
Frequency Stability		≤0.01 ppm	
Electrical Parameter			
Power Supply		Input AC90~264V,50/60Hz, Output DC12V/7A	
Power Consumption		≤24W	
Input & Output Impedance		50 ohm	
Indicator			
LCD Display		Frequency, Gain, Output Power, ALC, ISO, etc.	
Mechanical Parameter			
I /O Port Type		N-Female	
Dimension		8.7*11*2.2inch/220*280*55 mm	
Weight		≤8lbs/3.6KG	
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.