



PRO Series

HiBoost Hi20-5S

## Description

Five band booster HiBoost Hi20-5S is designed to improve mobile signal for end users directly. It covers any indoor area up to 4000 square meters and is guaranteed to supply great communication experience with clearer calls and higher mobile data speeds than ever.



### Key Features

- Supports LTE800, EGSM900, DCS/LTE1800, 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



### Standard Kit Includes

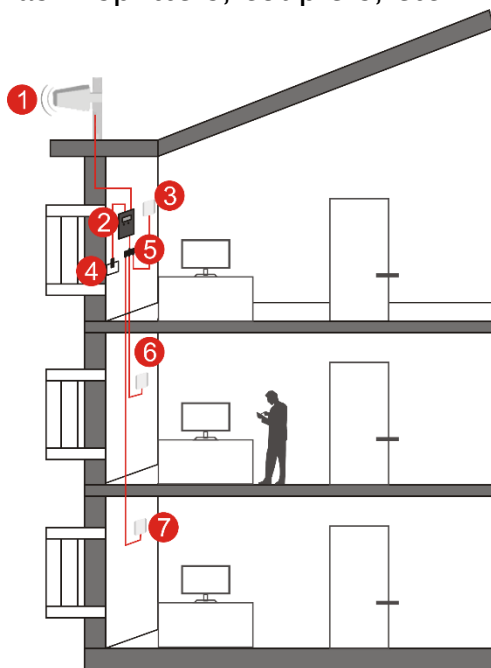
- 5 band mobile signal booster
- Outdoor wide band directional antenna
- 50 ft (15.2m) low-loss HiBoost300 cable
- 12V/7A, AC/DC power supply





## Installation Example

Standard Kit + upgradable Panel/Omni PRO Kit up to 6 indoor antennas + splitters, couplers, etc.



1- Outdoor directional 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	800MHz	832~862MHz	791~821 MHz
	900MHz	880~915MHz	925~960MHz
	1800MHz	1710~1785MHz	1805~1880MHz
	2100MHz	1920~1980MHz	2110~2170MHz
	2600MHz	2500~2570MHz	2620~2690MHz
Max .Gain		65dB	70dB
MGC ( Step Attenuation )		≥31 dB / 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		≤0.01 ppm	
Electrical Parameter			
Power Supply		Input AC100~264V, 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		3.6 KG	
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.

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