



5G Home

HiBoost Hi10-5S-Pro

Description

HiBoost five band booster Hi10-5S-Pro is designed to improve 5G&4G&3G&2G mobile signal for end users directly. It covers any indoor area up to 1500 square meters and is guaranteed to supply great communication experience with clearer calls and higher mobile data speeds than ever, compliant with Ofcom VTS requirement.



Key Features

- Supports NR700, LTE800, EGSM900, DCS1800, WCDMA2100 MHz.
- Real-time color and touched 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, compliant with Ofcom VTS requirement



Standard Kit Includes

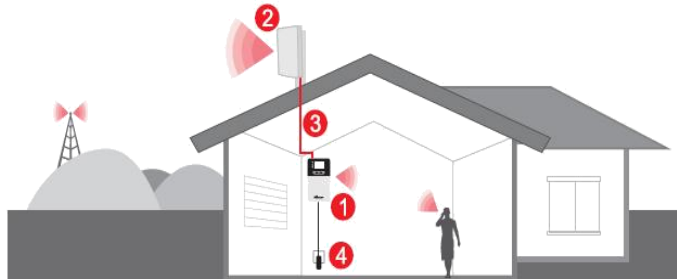
- Hi10-5S mobile signal booster with built-in indoor antenna
- 12V/4A, AC/DC power supply
- Outdoor directional antenna
- 50 ft (15.2m) low-loss Hiboost 5D cable





Installation Examples

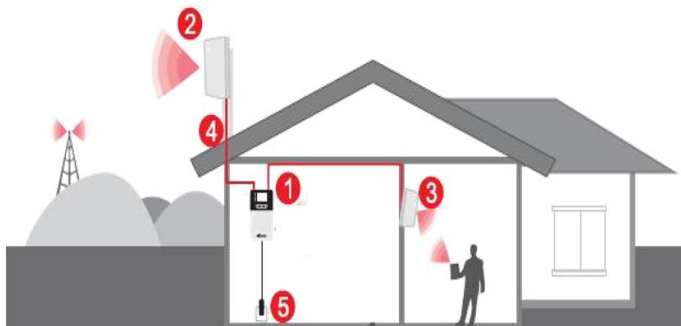
Standard Kit(coverage up to 1000 sq.m)



1-Booster with built-in antenna
3- low-loss Hiboost5D cable

2-Outdoor directional antenna
4-Power supply

Optional Panel or Omni Kit (+1x indoor panel/omni antenna+1x50 ft (15.2m)
HiBoost300 5D cable-coverage up to 1500 sq.m)



1-Booster
3- Indoor panel/omni antenna
5-power supply

2-Outdoor directional antenna
4- low-loss Hiboost5D cable*2



Specification

RF Parameter		Uplink	Downlink
Frequency Range	700MHz	703~733MHz	758~788MHz
	800MHz	832~862MHz	791~821MHz
	900MHz	880~915MHz	925~960MHz
	1800MHz	1710~1785MHz	1805~1880MHz
	2100MHz	1920~1980MHz	2110~2170MHz
Max .Gain		60dB	65dB
Max. Output power		20dBm	10dBm
MGC (Step Attenuation)		≥31dB / 1dB step	
Intelligent AGC*	ALC	≥22dB	
	ISO	≥22dB	
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 AC90~264V,50/60Hz, Output DC12V/4A	
Power Consumption		≤20W	
Input & Output Impedance		50 ohm	
Indicator			
LCD Display		Frequency, Gain, ALC, ISO, etc.	
Mechanical Parameter			
I /O Port Type		SMA-Female	
Dimension		171*266*55 mm	
Weight		≤2.5KG	
Environment Parameter			
Operating Temperature		-10℃~+55℃	
Storage Temperature		-10℃~+80℃	
Relative Humidity		5% - 95%	
Barometric Pressure		55 kPa -106 kPa	
Environment Conditions		IP40	

* MGC, ALC and ISO share intelligent AGC 22 dB range.

** ALC: 22dB automatic gain adjustment range to stabilize the output power.

*** ISO: 22dB 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.