

# Hi10-5S

## Description

HiBoost quint band booster Hi10-5S is designed to improve mobile signal for end users directly. It covers any indoor area up to 300 square meters ( open space area ) and is guaranteed to supply great communication experience with clearer calls and higher mobile data speeds than ever.



## Key Features

- Supports LTE800, EGSM900, DCS1800, WDMA2100 and LTE2600 MHz
- Automatic gain control function
- Self-oscillation protection
- Quality built, strong and durable construction
- Conforms to ETSI&3GPP standards



## Standard Kit Includes

- Hi10-5S mobile signal booster
- Outdoor wide band directional antenna
- Indoor wide band panel antenna
- 2\*30 ft (9.14m) low-loss HiBoost200 3D cable
- 5V/3A, AC/DC power supply



## Specification

RF Parameter		Uplink	Downlink
Frequency Range	800MHz	832~862MHz	791~821MHz
	900MHz	880~915MHz	925~960MHz
	1800MHz	1710~1785MHz	1805~1880MHz
	2100MHz	1920~1980MHz	2110~2170MHz
	2600MHz	2500~2570MHz	2620~2690MHz
Max .Gain		55dB	60dB
Max .Output power		16dBm	10dBm
Intelligent AGC*	ALC	S42dB	
	ISO	S42dB	
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	
<b>Electrical Parameter</b>			
Power Supply		Input AC90~264V,50/60Hz, Output DC5V/3A	
Power Consumption		≤10W	
Input & Output Impedance		50 ohm	
<b>Mechanical Parameter</b>			
I / O Port Type		SMA-Female	
Dimension		6.77*4.4*0.75inch/172*112*19mm	
Weight		≤1.76lbs/0.8KG	
<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	

\* 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.

Huaptec reserves the right to change this specification without prior notice.