Home&Office

HiBoost 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

Address: Herderstr. 94, 40721 Hilden, Germany Phone: +44 (20) 3239-5808 E-mail: sales@huaptec.eu
Skype: huaptec.eu Website: www.hiboost.com/eu/

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	≥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 AC90~264V,50/60Hz, Output DC5V/3A	
Power Consumption		≤10W	
Input & Output Impedance		50 ohm	
Mechanical Parameter			
I /O Port Type		SMA-Female	
Dimension		6.77*4.4*0.75inch/172*112*19mm	
Weight		≤1.76lbs/0.8KG	
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	

* 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.