



Home&Office

HiBoost Hi10-EGSM

Description

HiBoost single band booster Hi10-EGSM 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 clear calls without drops and interruptions.



Key Features

- Supports EGSM 900 MHz
- Real time LCD display
- Manual and automatic gain control functions
- Self-oscillation protection
- High integration
- Compact and light
- Good heat dissipation for long time operation
- Wide power supply range and low power consumption



Booster Kit Includes

- Hi10-EGSM mobile signal booster
- Outdoor panel antenna
- 50 ft(15.2m) low-loss HiBoost200 3D Cable
- Indoor whip antenna
- 5V/3A,AC/DC power supply





Specification

RF Parameter		Uplink	Downlink
Frequency Range	900MHz	880~915MHz	925~960MHz
Max .Gain		60dB	63dB
MGC (Step Attenuation)		≥31dB / 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	≤1 μs		
Frequency Stability	≤0.01 ppm		
Electrical Parameter			
Power Supply	Input AC100~240V,50/60Hz,Output DC5V/3A		
Power Consumption	≤5W		
Input & Output Impedance	50 ohm		
Indicator			
LCD Display	Frequency, Gain, Output Power, ALC, ISO, etc.		
Mechanical Parameter			
I /O Port Type	N-Female		
Dimension	4.7*6.1 *1.3 inch/120*155*34mm		
Weight	≤1.5 lbs/0.7KG		
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: Typical specification for room temperature.

We reserve the right to change this specification without prior notice.