



Hiboost Wide Band Booster GSM900 F17-GSM 65-70 dB

Description

F17-GSM Wide Band Booster is designed to improve mobile signals for end users directly. It supports coverage area up to 1000 square meters and supplies you a good communication experience with clearer calls and higher data download speed than ever!

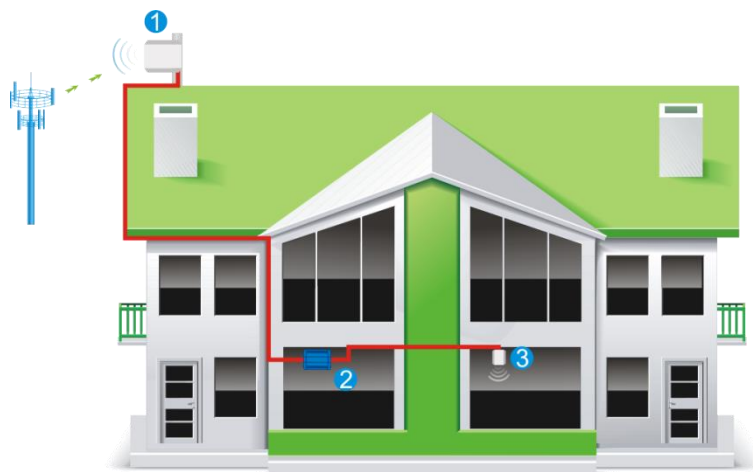


Key Features

- Support GSM
- Has MGC and AGC function
- Self-oscillation protection
- High integration
- Small compact and light weight
- Good heat dissipation for longevity
- Wide power supply range and lower power consumption
- With LED indication function



Installation Example



1.Outdoor Panel Antenna 2.Booster 3.Indoor Panel Antenna

Specification

RF Parameter		Uplink	Downlink
Frequency Range	GSM900&UMTS	890~915MHz	935~960 MHz
Max .Gain		65dB	70dB
Max .Output Power		17dBm	17dBm
MGC (Step Attenuation)		≥ 31dB / 1dB step	
Intelligent AGC*	ALC	≥31dB	
	ISO	≥31dB	
Gain Flatness		≤ 6dB(p-p)	
Noise Figure @ Max. System Gain		≤ 5dB	
V.S.W.R		Typical ≤ 2	
Group Delay		≤ 1μs	
Frequency Stability		≤ 0.01ppm	
Electrical Parameter			
Power Supply		Input AC100~240V.50/60Hz, Output DC5V/3A	
Power Consumption		≤ 4W	
Input & Output Impedance		50 ohm	
Indicator			
LED Indication		Power, ISO, ALARM	
Mechanical Parameter			
I/O Port Type		N-Female	
Dimension		4.7*5.3*1.3 inch/120*135*34mm	
Weight		≤ 1.1 lbs/0.5 KG	
Environment Parameter			
Operating Temperature		0°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 31 dB range,
 ALC: automatic gain adjustment to conform to the strength of input signal
 AGC: automatic gain adjustment to conform to the antenna isolation