



Home&Office Series

HiBoost Hi13-EGSM

Description

HiBoost Home&Office wide band booster Hi13-EGSM is designed to improve mobile signal for end users directly. It covers any indoor area up to 1000 square meters 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 operator
- Wide power supply range and low power consumption



Booster Kit Includes

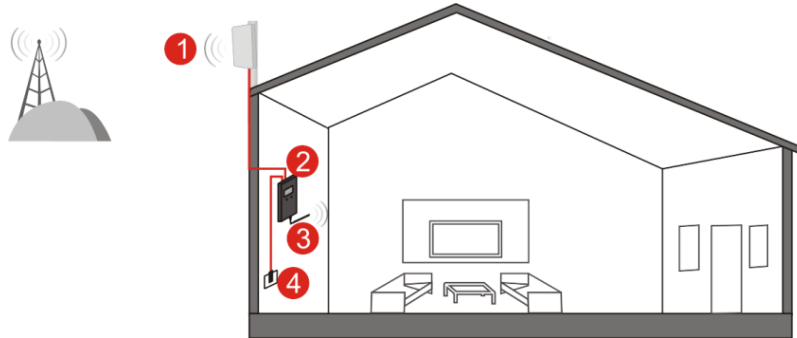
- EGSM mobile signal booster
- Outdoor wide band panel antenna with 50 ft/15.2m HiBoost200 cable
- Indoor whip antenna
- 5V/3A, AC/DC power supply





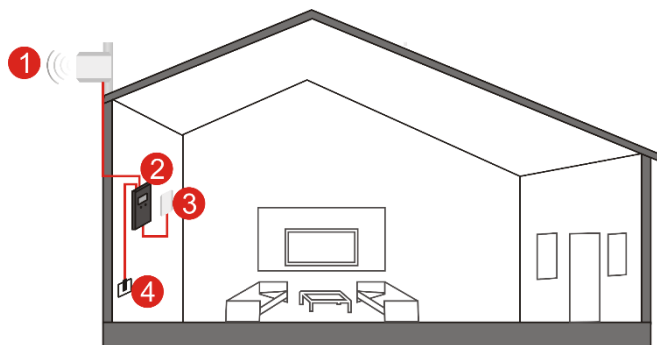
Installation Examples

Standard Kit (coverage up to 500 sq.m)



1. Outdoor panel antenna 2.Booster 3.Indoor whip antenna 4.Power supply

Standard Kit + 1 optional Panel or Omni Kit (+1 indoor panel/omni antenna - coverage up to 1000 sq.m.)



1. Outdoor panel antenna 2.Booster 3.Indoor panel antenna 4.Power Supply



Specification

| RF Parameter | | Uplink | Downlink |
|---------------------------------|--------|---|------------|
| Frequency Range | 900MHz | 880~915MHz | 925~960MHz |
| Max .Gain | | 60dB | 65dB |
| 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 | | ≤1μs | |
| Frequency Stability | | ≤0.01ppm | |
| Electrical Parameter | | | |
| Power Supply | | Input AC90~240V,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.