



Hiboost Wide Band Booster Dual Band 900+2100MHz Hi23-EW

Description

Hi23-EW Wide Band Booster is designed to improve mobile signals for end users directly. It covers any indoor area up to 3000 square meters and is guaranteed to supply great communication experience with clearer calls and higher data download speed than ever.

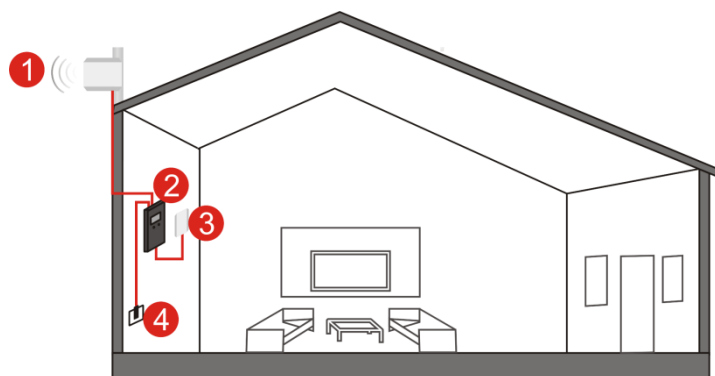


Key Features

- Support 900 and 2100MHz
- 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



Installation Example



1. Outdoor Antenna 2.Booster 3.Indoor Panel Antenna 4.Power Supply

Address: Benno-Strauß-Straße 790763 Fürth Phone: (44)20 3239 5808 E-mail : sales@huaptec.eu
Web site : www.huaptec.eu



Specification

| RF Parameter | | Uplink | Downlink |
|---------------------------------|-------|-----------------------------------------------|---------------|
| Frequency Range | EGSM | 880~915MHz | 925~960 MHz |
| | WCDMA | 1920~1980MHz | 2110~2170 MHz |
| Max .Gain | | 70dB | 75dB |
| Max .Output Power | | 17dBm | 23dBm |
| MGC (Step Attenuation) | | ≥31dB / 1dB step | |
| Intelligent AGC* | ALC | ≥51dB | |
| | ISO | ≥51dB | |
| 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 AC100~240V,50/60Hz,Output DC12V/3A | |
| Power Consumption | | ≤10W | |
| Input & Output Impedance | | 50 ohm | |
| Indicator | | | |
| LCD Display | | Frequency, Gain, Output Power, ALC, ISO, etc. | |
| Mechanical Parameter | | | |
| I/O Port Type | | N-Female | |
| Dimension | | 8.6*5.3*2.0 inch/218*135*50mm | |
| Weight | | ≤2.6 lbs/1.2 KG | |
| 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 51 dB range.

ALC: 51dB automatic gain adjustment range to stabilize the output power.

ISO: 51dB intelligent isolation processing to avoid self-oscillation.

The information in this specification reserves the right to change without notice.

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