



PRO Series

Hi23-3S

Description

Triband booster HiBoost Hi23-3S is designed to improve mobile signal for end users directly. It covers any indoor area up to 5500 square meters and is guaranteed to supply great communication experience with clearer calls and higher mobile data speeds than ever.



Key Features

- Supports EGSM900, DCS1800, WCDMA2100 MHz
- Real-time LCD display
- Manual and automatic gain control functions
- Bluetooth and Wi-Fi modules
- Setup and monitoring via a mobile app
- Self-oscillation protection
- Quality built, strong and durable construction
- Conforms to ETSI&3GPP standards



Standard Kit Includes

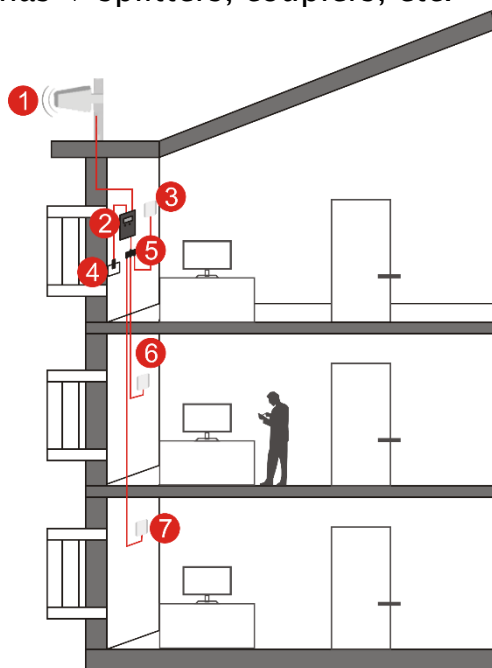
- Triband mobile signal booster
- Outdoor wide band directional antenna
- 50 ft (15.2m) low-loss HiBoost300 cable
- 12V/7A, AC/DC power supply





Installation Example

Standard Kit + upgradable Panel/Omni PRO Kit up to 8 indoor antennas + splitters, couplers, etc.



1- Outdoor directional antenna
3, 6, 7- Indoor panel antennas
5- Three-way splitter

2- Mobile signal booster
4- Power supply



Specification

| RF Parameter | | Uplink | Downlink |
|---------------------------------|---------|---|--------------|
| Frequency Range | 900MHz | 880~915MHz | 925~960MHz |
| | 1800MHz | 1710~1785MHz | 1805~1880MHz |
| | 2100MHz | 1920~1980MHz | 2110~2170MHz |
| Max .Gain | | 65dB | 75dB |
| 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 AC90~264V,50/60Hz, Output DC12V/7A | |
| Power Consumption | | ≤24W | |
| Input & Output Impedance | | 50 ohm | |
| Indicator | | | |
| LCD Display | | Frequency, Gain, Output Power, ALC, ISO, etc. | |
| Mechanical Parameter | | | |
| I /O Port Type | | N-Female | |
| Dimension | | 8.7*11*2.2inch/220*280*55 mm | |
| Weight | | 3.6 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 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.

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