



Home&Office Series

HiBoost Hi10-5S

Description

HiBoost quint band booster Hi10-5S 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 great communication experience with clearer calls and higher mobile data speeds than ever.



Key Features

- Supports LTE800, EGSM900, DCS1800, WDMA2100 and LTE2600 MHz
- Automatic gain control function
- Self-oscillation protection
- Quality built, strong and durable construction
- Conforms to ETSI&3GPP standards



Standard Kit Includes

- Hi10-5S mobile signal booster
- Outdoor wide band directional antenna
- Indoor wide band panel antenna
- 2x30 ft (9.14m) low-loss HiBoost200 3D cable
- 5V/3A, AC/DC power supply





Specification

| RF Parameter | | Uplink | Downlink |
|---------------------------------|---------|---|--------------|
| Frequency Range | 800MHz | 832~862MHz | 791~821MHz |
| | 900MHz | 880~915MHz | 925~960MHz |
| | 1800MHz | 1710~1785MHz | 1805~1880MHz |
| | 2100MHz | 1920~1980MHz | 2110~2170MHz |
| | 2600MHz | 2500~2570MHz | 2620~2690MHz |
| Max.Gain | | 55dB | 60dB |
| Max.Output power | | 16dBm | 10dBm |
| 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 AC100~240V,50/60Hz, Output DC 5V/3A | |
| Power Consumption | | ≤10W | |
| Input & Output Impedance | | 50 ohm | |
| Mechanical Parameter | | | |
| I / O Port Type | | SMA-Female | |
| Dimension | | 6.77*4.4*0.75inch/172*112*19mm | |
| Weight | | ≤1.76lbs/0.8KG | |
| 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 | |

* 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.

Huaptec reserves the right to change this specification without prior notice.