

| | | | |
|------------------------|--------------------|----------------|----------------|
| Emission | 1GHz~12.75GHz | ≤ -30 dBm | ≤ -30 dBm |
| Alarm LED | ALC Not Active | --- | Green |
| | ALC Active 5~15 | --- | Orange |
| | ALC Active > 20 | --- | Red |
| Power LED | Power ON | Green | |
| | Power OFF | No Light | |
| Time Delay | ≤ 5 μ S | | |
| Power Supply | AC 220V | | |
| Power Consumption | < 170W | | |
| Dimensions | 698 × 420 × 215 mm | | |
| Weight | < 40 kg | | |
| Installation | Wall Mounting | | |
| RF Connector | N-Female | | |
| Environment Conditions | IP65 | | |
| Humidity | < 90% | | |
| Operating Temperature | -10°C ~ +55°C | | |

Price: USD 13,000.00

Note:

1. This model can be made with other frequencies. Please contact us if you need other frequencies.



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PRODUCT DATASHEET

37 dBm Four Band Selective Cellular Signal Booster

Model No.: HC37S-LGDW

Overview

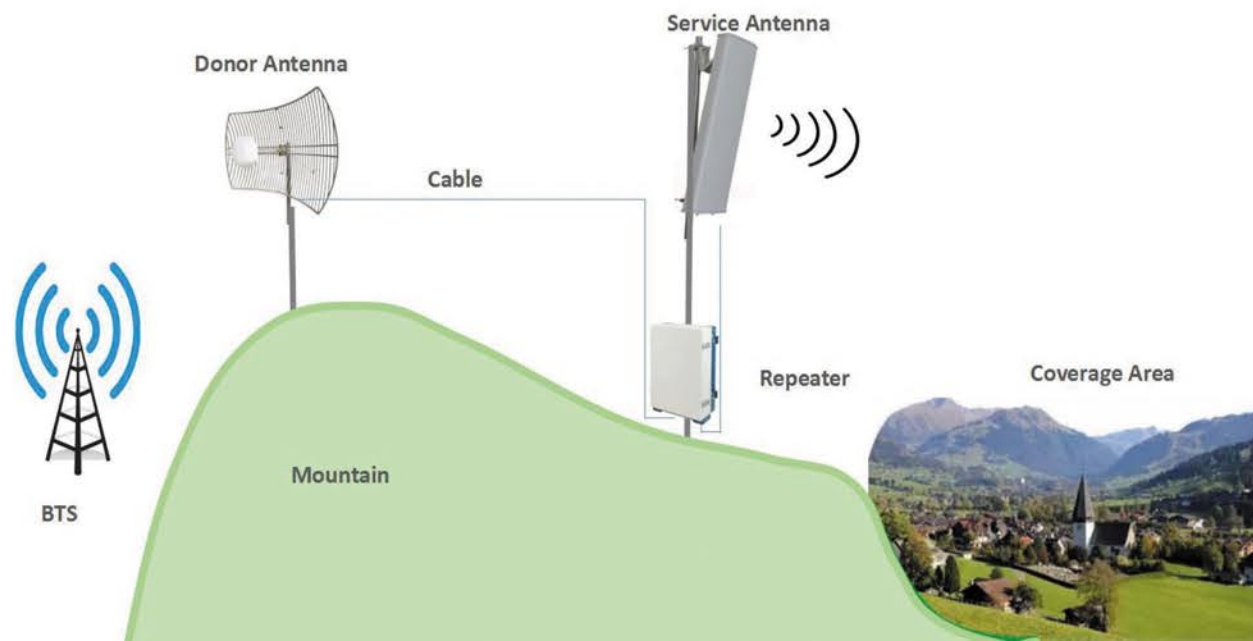
HC37S series signal booster is designed to provide the most cost-effective signal coverage solution for medium/large indoor and outdoor area, such as railway stations, airports, shopping malls, entertaining centers, rural and urban zones, etc. It can help to improve mobile phone signal in 900/1800/2100/2600MHz network.



Main Features

- ◆ Support frequency for certain operator
- ◆ Low power consumption, low interference
- ◆ AGC and ALC circuit
- ◆ Smart self-adaptive operating system with powerful CPU
- ◆ Quality metal construction, strong and durable
- ◆ Good heat dissipation for longevity
- ◆ Coverage Area 3-5km

Installation Diagram



Specification

| Items | | Uplink | Downlink |
|--------------------------|---------------|-------------------|-------------------|
| Frequency Range | 900 | 906.6 ~ 912.8 MHz | 951.6 ~ 957.8 MHz |
| | 1800 | 1733 ~ 1755 MHz | 1828 ~ 1850 MHz |
| | 2100 | 1940 ~ 1964.9 MHz | 2130 ~ 2154.9 MHz |
| | 2600 | 2550 ~ 2570 MHz | 2670 ~ 2690 MHz |
| Output Power | 900 | 23±2 dBm | 37±2 dBm |
| | 1800 | 23±2 dBm | 37±2 dBm |
| | 2100 | 23±2 dBm | 37±2 dBm |
| | 2600 | 23±2 dBm | 37±2 dBm |
| Gain | 900 | >80 dB | >85 dB |
| | 1800 | >80 dB | >85 dB |
| | 2100 | >80 dB | >85 dB |
| | 2600 | >80 dB | >85 dB |
| Ripple | 900 | <4 dB | <4 dB |
| | 1800 | <5 dB | <5 dB |
| | 2100 | <5 dB | <5 dB |
| | 2600 | <5 dB | <5 dB |
| VSWR | 900 | ≤1.8 | ≤1.8 |
| | 1800 | ≤1.8 | ≤1.8 |
| | 2100 | ≤1.8 | ≤1.8 |
| | 2600 | ≤1.8 | ≤1.8 |
| Noise Figure @ max. Gain | 900 | ≤7dB | ≤7dB |
| | 1800 | ≤7dB | ≤7dB |
| | 2100 | ≤7dB | ≤7dB |
| | 2600 | ≤7dB | ≤7dB |
| ALC Active 10dB | 900 | Δ ≤2 dB | Δ ≤2 dB |
| | 1800 | Δ ≤2 dB | Δ ≤2 dB |
| | 2100 | Δ ≤2 dB | Δ ≤2 dB |
| | 2600 | Δ ≤2 dB | Δ ≤2 dB |
| Out of Band Gain | ± 1 MHz | ≤ 40 dB | ≤ 40 dB |
| | ± 5 MHz | ≤ 35 dB | ≤ 35 dB |
| ATT step of 1 dB | 1~10 dB | Δ ≤1 dB | Δ ≤1 dB |
| | 11~20 dB | Δ ≤1 dB | Δ ≤1 dB |
| | 21~31 dB | Δ ≤1.5 dB | Δ ≤1.5 dB |
| Inter-mediation Products | 9KHz~1GHz | ≤-40 dBc | ≤-40 dBc |
| | 1GHz~12.75GHz | ≤-40 dBc | ≤-40 dBc |
| Spurious | 9KHz~1GHz | ≤-36 dBm | ≤-36 dBm |