

Hiboost Home Lite

60 dB Booster for Small Residences

Overview

The HiBoost Home Lite is engineered for professional installation in small commercial or residential environments. Delivering up to 60dB system gain and coverage up to 2,000 sq.ft, it ensures reliable in-building coverage across all major U.S. and Canadian carriers.



High-linearity amplifiers and a wide dynamic range provide clean amplification even in fringe-signal areas. Integrated Automatic and Manual Gain Control allow precise optimization, while remote diagnostics via the Signal Supervisor platform simplify maintenance.

Fully compatible with 5G DSS, 4G LTE, and legacy networks for voice and data reliability.

Key Features

- **Performance**
  - Up to 60 dB system gain with high-power uplink for extended tower reach
  - Full-band coverage: Bands 12/17, 13, 5, 25/2, 4
  - Low noise figure (≤ 6 dB) and wide dynamic range for cleaner amplification
  - AGC / MGC enable fine-tuned optimization
- **Reliability & Compliance**
  - FCC Part 20 / ISED certified — carrier-safe operation
  - Integrated thermal protection, oscillation detection, and auto-shutdown safeguards
  - 24/7 continuous duty design built for demanding installations
- **Integration & Monitoring**
  - Signal Supervisor remote monitoring (IOS / Android) with live diagnostics
  - SMA-Type connectors, 50 Ω impedance — compatible with professional coax and accessories
- **Deployment Versatility**
  - Supports whip indoor antenna
  - Ideal for small homes and apartments

Specification

Item	
Working Band	Band 12/17 / Band 13 / Band 5 / Band 25/2 / Band 4
UL Frequency Range(MHz)	698-716 / 776-787 / 824-849 / 1850-1915 / 1710-1755
DL Frequency Range(MHz)	728-746 / 746-757 / 869-894 / 1930-1995 / 2110-2155
Supported Standards	5G DSS, LTE, HSPA+, EVDO, WCDMA, GSM
Max Gain	60dB
Max Output Power	DL 10 dBm
MGC (Step Attenuation)	≥ 25 dB / 1 dB step
Noise Figure	≤ 6 dB typ.
I/O Port	SMA-Female
Inpedance	50 ohm
Power Supply	Input AC 100-240V, 50/60 Hz, Output DC 12V/1.5A
Power Consumption	≤ 18 W
Environment	−25 °C to +55 °C (<85% RH)
Environment Conditions	IP40
Dimensions	7.3 x 5.3 x 1.4 in / 186 x 134 x 35 mm
Weight	≤ 1.68 lbs / 0.76 kg
Certification	FCC / ISED

Ordering Information

HiBoost | Professional Signal Solutions
3150 Premier Dr • Suite 130 • Irving TX 75063
support@hiboost.com | (469) 871-2552 | www.hiboost.com

Create a ticket or chat via SignalSupervisor app to find any help you need!