

Industrial 100K 5G
HiBoost F27K-6S-IoT

Overview

The HiBoost F27K-6S-IoT is a powerful cellular signal booster that helps to amplify signal in locations with poor or unreliable signal. It can amplify all carrier's 3G, 4G and 5G signals for mobile device users, providing cleaner voice and faster data download speeds. Perfect for large commercial and industrial sites; the F27K-6S-IoT covers up to 100,000 square feet with amplified signal. Smart ALC and ISO can stabilize signal strength and quality, ensuring optimal performance. Sturdy construction and quality engineering make for long lasting durability. This booster is capable of supporting up to 200 mobile users simultaneously. Remote monitoring is available via any of the following: SIM Card, Bluetooth, Ethernet and Wi-Fi.



Key Features

- Six band design covers all US and Canadian carriers
- Compatible with NR600, Cellular 800, PCS, AWS, Upper and Lower 700 LTE Bands
- Covers up to 100,000 square feet in a typical indoor larger commercial area
- Automatic and Manual Gain Control function
- LED touchscreen displays system gain, output power, and alarms for easy local control and monitoring
- FCC (ID: OWWF27K-6S) and IC (ID: 10527A-F27K6S) certified
- Streamlined design and low power consumption to minimize cost during operation and low heat dissipation
- Quality metal construction, strong and durable

Booster Standard Kit Includes

- HiBoost F27K-6S-IoT signal booster
- 12V / 8.5A, AC/DC Power Supply

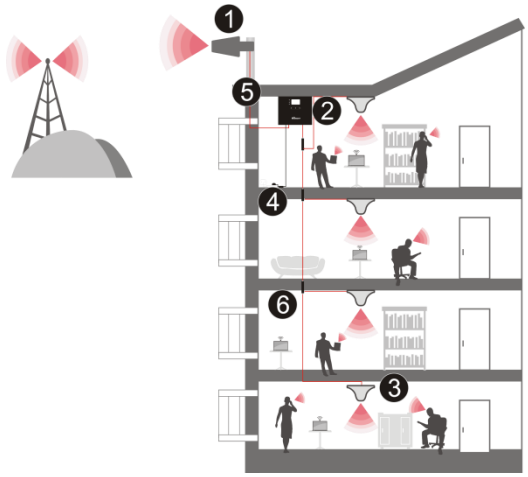
We provide all accessories needed for signal boosters. The accessories needed can vary according to the size and construction materials used in the building, outdoor signal strength and layout of the structure. Please contact us for assistance in designing your system.

HiBOOST Boost Your Bars

Specification

Working Band	Band 71 / Band 12 / Band 13 / Band 5 / Band 2 / Band 66
UL Frequency Range	663-698 / 698-716 / 776 – 787 / 824-849 / 1850-1915 / 1710-1780
DL Frequency Range	617-652 / 728-746 / 746 – 757 / 869-894 / 1930-1995 / 2110-2180
Supported Standards	WCDMA, UMTS, CDMA, HSPA+, EVDO, LTE, NR and all cellular standards
Max. Gain	UL 80 dB, DL 85 dB
Output Power	UL 23 dBm, DL 27 dBm
MGC (Step Attenuation)	31 dB / 1 dB step
I/O Port	N-Female
Impedance	50 ohm
Environment Conditions	IP40
Dimensions	11*15.7*2.1 inch / 280*400*53 mm
Weight	≤ 17.6 lbs. / 8 kg
Power Supply	Input AC100~240 V, 50/60 Hz, Output DC 12 V / 8.5 A

Installation Example



❶ Outdoor Antenna ❷ F27K-6S-IoT Signal Booster ❸ Indoor Antenna
❹ 12V / 8.5A, AC/DC Power Supply ❺ Cable ❻ Coupler

WARNING. This is **NOT** a **CONSUMER** device. It is designed for installation by **FCC LICENSEES** and **QUALIFIED INSTALLERS**. You MUST have an **FCC LICENSE** or express consent of an FCC Licensee to operate this device. Unauthorized use may result in significant forfeiture penalties, including penalties in excess of $100,000 for each continuing violation.

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