



Hiboost FleetLink

Compact 50 dB Mobile Repeater for Commercial & Government Fleets

Overview

The HiBoost FleetLink is a professional-grade mobile repeater designed for permanent, hard-wired installation in fleet, government, and commercial vehicles. Delivering up to 50 dB of system gain across all major U.S. and Canadian carriers, it ensures reliable voice and data coverage even in remote areas.

Engineered for continuous operation, the Core version combines high-linearity amplifiers, wide dynamic range, and precision filtering for clean, interference-free amplification. Automatic and Manual Gain Control enable fine-tuning, while remote diagnostics via the Signal Supervisor platform simplify fleet-wide monitoring.

Compatible with 5G DSS, 4G LTE, and 3G, the FleetLink supports multi-user connectivity for mission-critical fleet communications and telematics.



Key Features



- **Performance**
 - 50 dB max system gain for reliable coverage in remote areas
 - Full-band support: 12/17 • 13 • 5 • 25/2 • 4
 - High-linearity amplifiers ensure low distortion and stable throughput
 - AGC / MGC for precision optimization under variable conditions
- **Reliability & Compliance**
 - Rugged aluminum chassis with thermal fins for heat dissipation
 - Self-resetting fuse – no external fuse required
 - DC 12–24 V input for compatibility with light and heavy-duty vehicles
 - IP40+ enclosure
- **Integration & Monitoring**
 - Remote monitoring and diagnostics via Signal Supervisor (iOS / Android)
 - 50 Ω impedance with RPSMA-F / SMA-F connectors
 - Compatible with NMO antennas
- **Deployment Versatility**
 - Law enforcement, public-safety, logistics, construction, and service fleets
 - Supports telematics, push-to-talk, GPS, and data systems
 - Professional installation recommended for optimal performance

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	50dB
Max Output Power	UL 24dBm DL 0 dBm
MGC (Step Attenuation)	≥ 25 dB / 1 dB step
Noise Figure	≤ 6 dB
I/O Port	RPSMA-Female / SMA-Female
Inpedance	50 ohm
Power Supply	Input DC12-24V, Output DC12V-24V/3A
Power Consumption	≤ 18 W
Environment	-25 °C to +55 °C (<85% RH)
Environment Conditions	IP40
Dimensions	6.3 x 4.7 x 1.9 in / 160 x 120 48 mm
Weight	≥ 2.6 lbs / 1.2kg
Certification	FCC / ISED

Kit Includes



Booster



NMO Antenna



Punch Hole Cable



Extension Cable



Panel Antenna



Power Supply

Ordering Information



HiBoost | Professional Signal Solutions
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Create a ticket or chat via SignalSupervisor app to find any help you need!