



Hiboost FleetLink Flex

Magnetic-Mount 50 dB Booster for Rapid-Deploy or Rental Fleets

Overview

The HiBoost FleetLink Flex is a professional-grade mobile repeater engineered for continuous use in fleet, government, and commercial vehicles. Designed for leased or temporary fleets, the Flex model features a magnetic NMO antenna and dual power options for quick, non-permanent installation and versatile operation. Delivering up to 50 dB of system gain across all major U.S. and Canadian carriers, it ensures stable voice and data coverage in remote and low-signal areas.

Built for durability, the FleetLink Flex incorporates high-linearity amplifiers, wide dynamic range, and precision filtering for clean signal amplification without interference. Automatic and Manual Gain Control simplify optimization, while remote diagnostics via the Signal Supervisor platform enable real-time monitoring from fleet management systems.

Fully compatible with 5G DSS, 4G LTE, and 3G standards, the FleetLink Flex supports multi-user operation for fleet communications, telematics, and mobile data devices.



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
 - Multiple installation methods
- **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



Magnetic Cable



Panel Antenna



Power Supply

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!