

UM50 FN

SKU: 7021UFN

- Boosts Band 12 and Band 14
- Great for areas with weak signal

Frequencies:

700 MHz Band 12 & 14

Included:

Uniden UM50 FN Booster

* Coverage varies on input signal

HERO
SERIES



POWERFUL

50 dB max gain. Great for areas with extremely weak signal.

WIRELESS CONNECTIVITY

Wirelessly connect up to 20 cellular devices, including phones, smart phones, tablets and data cards.

NETWORK COMPATIBILITY

Band 12 & 14
Specifically designed to work on AT&T's FirstNet network.

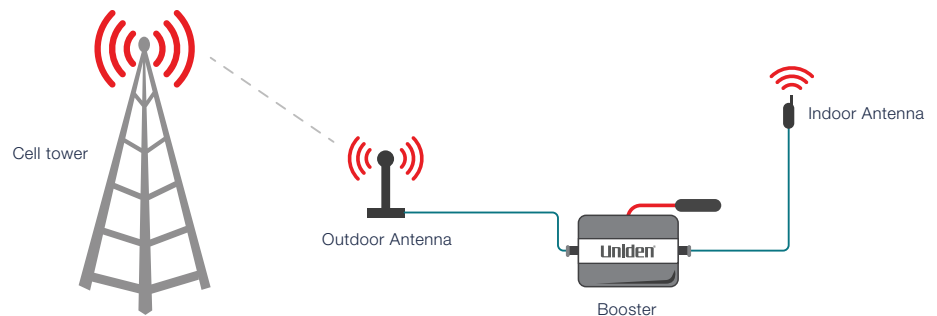
FULLY AUTOMATED GAIN CONTROL

Equipped with smart software that in real time will increase and decrease the power of the booster depending on the strength of your signal. Ensuring you have the best quality signal where and when you need it.

AUTO SHUT OFF

Automatically shuts down the device incase of oscillation or an overloaded signal in order to prevent interference.

HOW A Uniden UM50 BOOSTER KIT WORKS



BOOSTER TECHNICAL SPECIFICATIONS



ELECTRICAL SPECIFICATIONS		UPLINK	DOWNLINK
Frequency Range	Band 12 Band 14	698 ~ 716 Mhz 788 ~ 798 Mhz	728~ 746 Mhz 758 ~ 768 Mhz
Band Width	Wide Band		
Max. Gain		≤45db	≥50dB
Max. Output Power		≥17dBm	≥0dBm
Automatic Level Control		≥ 31dB	
Inter-Modulation	9KHZ ~ 1GHZ	≤-19DBM	≤-19DBM
	1GHZ ~ 12.75GHZ	≤-19DBM	≤-19DBM
Spurious Emission	9KHZ ~ 1GHZ		≤-36DBM
	1GHZ ~ 12.75GHZ		≤-30DBM
Gain Flatness		≤8dB	
Noise Figure		≤9dB	
VSWR		≤2	
Group Delay	Group Delay	≤ 1.0μs	
Frequency Stability	Frequency Stability	≤0.01PPM	

LED ALARM

Power LED	Power Indicator
Automatic Gain Control	Uplink & Downlink Gain is automatically adjusted

MECHANICAL SPECIFICATIONS

I / O Port	SMA-Female
Impedance	50 ohm
Operating Temperature	-25°C ~ +55°C
Environmental Conditions	IP40
Dimensions	117*113*38mm
Weight	0.6 Kg
Power Supply	DC 12V/3A