

UM2M FN

SKU: 7023UFN

- Boost Band 12 and 14
- Up to 20db of added gain
- Perfect for M2M needs

Frequencies:

700 MHz Band 12 & 14

Included:

Uniden UM2M FN
Booster

Available Options:

- 12V Direct Power Adapter
- External Magnet Mount Antenna
- Low Loss Coaxial Cable Extension
- Extended Warranty

* Coverage varies on input signal

HERO 
S E R I E S



**MACHINE TO MACHINE
DIRECT CONNECTION BOOSTER**

- Connect directly to any cellular device such as the Uniden UV350, Uniden Truckfone or any other cellular modem or cellular device that allows an external antenna.
- This M2M cellular booster can be used in both fixed and mobile applications. It can not only be used in a vehicle but also inside buildings and camps for cellular modems on your network or directly on equipment like vending machines and ATM machines.

NETWORK COMPATIBILITY

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

POWERFUL

Maximum 25 dB gain and 20 dbm of linear output power. Great for area with very weak signal.

**FULLY AUTOMATED
GAIN CONTROL**

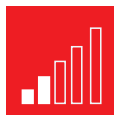
Equipped with smart software that in real time will increase and decrease the power of the booster depending on the strength of your signal. Ensuring you have the best quality signal where and when you need it.

NETWORK FRIENDLY

Automatically shuts down the device in case of oscillation or an overloaded signal in order to prevent interference on the operators network.



PLUG & PLAY
Easy installation.



GET MORE BARS
Great to increase your coverage in weak signal areas



WARRANTY
2 Year manufacturer warranty

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	20-25dB		20-25dB
Max. Output Power	≥20dBm		≥0dBm
Automatic Level Control	≥ 31dB		
Inter-Modulation	9KHZ ~ 1GHZ	≤-19DBM	≤-19DBM
	1GHZ ~ 12.75GHZ	≤-19DBM	≤-19DBM
Spurious Emission	9KHZ ~ 1GHZ	≤-19DBM	≤-36DBM
	1GHZ ~ 12.75GHZ	≤-19DBM	≤-30DBM
Gain Flatness	≤8DB		
Noise Figure	≤9dB		
VSWR	≤3		
Group Delay	≤1.0MS		
Frequency Stability	≤1.001PPM		
LED ALARM		STANDARD	
Power LED	Power Indicator		
Automatic Gain Control	Uplink & Downlink Gain is automatically adjusted		
MECHANICAL SPECIFICATIONS		STANDARD	
I / O Port	SMA-Female		
Impedance	50 ohm		
Operating Temperature	-25°C ~ +55°C		
Environmental Conditions	IP40		
Dimensions	117*95*38mm		
Weight	0.5 Kg		
Power Supply	DC 12V/3A		