

Mobile coverage  
on the go!

**UM50 4G**

SKU: 4021CPAL

- Mobile coverage on the go!
- Perfect for your car, RV or boat.
- Great for areas with weak signal

**Frequencies:**

700 MHz Band 13  
700 MHz Band 12 & 17  
850 MHz  
1900 MHz  
1700/2100 MHz.

**Includes:**

- Uniden **UM50 4G** Booster
- Outdoor magnet mount omni directional antenna with 10 feet of cable
- Indoor directional distribution antenna with 10 feet of cable
- 12V Lighter plug power adapter
- Installation and User Guide
- 2 year warranty

\* Coverage varies on input signal



**POWERFUL**

50 dB max gain.

**WIRELESS CONNECTIVITY**

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

**NETWORK COMPATIBILITY**

2G, 3G, 3G+, 4G/LTE  
Works on all technologies including CDMA, PCS, HSPA, HSPA+, AWS, LTE.

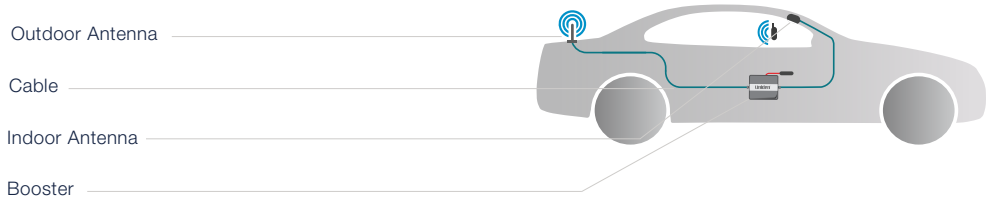
**FULLY AUTOMATED GAIN CONTROL**

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 in case of oscillation or an overloaded signal in order to prevent interference.

**HOW A Uniden UM50 4G BOOSTER KIT WORKS**



POPULAR CARRIERS but not limited too



# Uniden® UM50 4G

## BOOSTER TECHNICAL SPECIFICATIONS



| Electrical Specifications |             | Uplink   |                 | Downlink        |  |
|---------------------------|-------------|--|-----------------|-----------------|--|
| Frequency range           | LTE (A+B)   | 698 ~ 716 MHz  |                 | 728~ 746 MHz    |  |
|                           | LTE C       | 776 ~ 787 MHz  |                 | 746 ~ 757 MHz   |  |
|                           | CDMA        | 824 ~ 849 MHz  |                 | 869 ~ 894 MHz   |  |
|                           | PCS         | 1850 ~ 1910 MHz  |                 | 1930 ~ 1990 MHz |  |
|                           | AWS         | 1710 ~ 1755 MHz  |                 | 2110 ~ 2155 MHz |  |
| Band width                |             | Wide Band  |                 |                 |  |
| Max. Gain                 | LTE (A+B)   | ≤45dB  |                 | ≤50dB           |  |
|                           | LTE C       | ≤45dB  |                 | ≤50dB           |  |
|                           | CDMA        | ≤45dB  |                 | ≤50dB           |  |
|                           | PCS         | ≤45dB  |                 | ≤50dB           |  |
|                           | AWS         | ≤45dB  |                 | ≤50dB           |  |
| Max. Output Power         | LTE (A+B)   | ≤17dBm   |                 | ≤0dBm           |  |
|                           | LTE C       | ≤17dBm   |                 | ≤0dBm           |  |
|                           | CDMA        | ≤17dBm   |                 | ≤0dBm           |  |
|                           | PCS         | ≤17dBm   |                 | ≤0dBm           |  |
|                           | AWS         | ≤17dBm   |                 | ≤0dBm           |  |
| Automatic Level Control   |             | ≥15dB, auto shut off after 15dB  |                 |                 |  |
| Inter-modulation          | 9KHz ~ 1GHz | ≤-19dBm  | 1GHz ~ 12.75GHz | ≤-19dBm         |  |
| Spurious Emission         | 9KHz ~ 1GHz | ≤-36dBm  | 1GHz ~ 12.75GHz | ≤-30dBm         |  |
| LED Alarm                 |             | Standard   |                 |                 |  |
| Power LED                 |             | Power Indicator  |                 |                 |  |
| ALC LED                   |             | Orange @ ALC 1~5dB, Red @ ALC 15dB<br>LED off after 5 seconds red color. |                 |                 |  |
| Mechanical Specifications |             | Standard   |                 |                 |  |
| I / O Port                |             | SMA-Female   |                 |                 |  |
| Impedance                 |             | 50 ohm   |                 |                 |  |
| Operating Temperature     |             | 10°C~+55°C   |                 |                 |  |
| Environment Conditions    |             | IP40   |                 |                 |  |
| Dimensions                |             | 100*165*30   |                 |                 |  |
| Weight                    |             | ≤2.5Kg   |                 |                 |  |
| Power Supply              |             | DC12V / 3A   |                 |                 |  |