



# CELLULAR

## 800 MHz Channel A or B

### FEATURES

- For 800 MHz Cellular Channel A or B
- Works with all Cellular cell phones and laptop data cards (except iDEN, Nextel)
- Significantly improves voice and data signal quality
- Receives and transmits better than your cell phone
- Extends cell phone battery life
- Works on all generations of CDMA, TDMA, GSM and high-speed data technologies.
- Improves data communication rates needed for 3G technologies
- Automatic gain control up to 50 dB
- 2 dB gain step 30-50 dB and 40-60 dB
- Automatic gain adjusting in the event of oscillation and/or overload.
- Power control logic ensures maximum output power is within cellular network standards
- Gain indicator lights
- Automatic shutdown on overload
- FCC and IC type accepted
- 3 watt power amplifier

### ANTENNA & ACCESSORY OPTIONS

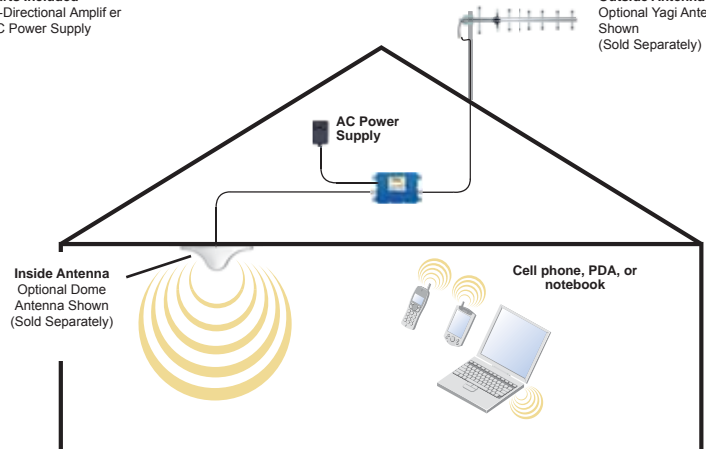
- Roof-Mount Trucker Antenna
- Mirror-Mount Trucker Antenna
- Magnet-Mount Antenna
- Panel Antenna
- Coax Cable Extension
- Lightning Suppressor
- 2-way Splitter

### SPECIFICATIONS

| Part Number        | 801107  | 801108 | 801109                     | 801110 |
|--------------------|---|--------|----------------------------|--------|
| Channel            | A   | A      | B                          | B      |
| Gain (Rx/Tx)       | 50 dB   | 60 dB  | 50 dB                      | 60 dB  |
| Frequency          | 824-835 MHz<br>869-880 MHz                        |        | 835-849 MHz<br>880-894 MHz |        |
| Max Output Power   | 3 watts   |        |                            |        |
| Max RF (up/down)   | +30 dBm / +30 dBm                                 |        |                            |        |
| Noise Figure       | 3 dB nominal                                      |        |                            |        |
| Flatness           | ±2.5 dB   |        |                            |        |
| Isolation          | > 90 dB   |        |                            |        |
| Power Requirements | 120 V DC, 3 A max                                 |        |                            |        |
| Connectors         | N-Female 50 ohms                                  |        |                            |        |
| Dimensions         | 5.6 x 3.6 x 1.7 (inches)<br>14.2 x 9.1 x 4.4 (cm) |        |                            |        |
| Weight             | 1.5 lbs / 0.7 kg                                  |        |                            |        |

Parts Included  
 Bi-Directional Amplifier  
 AC Power Supply

Outside Antenna  
 Optional Yagi Antenna  
 Shown  
 (Sold Separately)



Wireless operation - no physical connection to cell phone or cellular data card