

SIGNALBOOST™ **HDMobile™** Cellular Single &  
 Dual-Band Boosters Professional Series


DUAL-BAND




SINGLE-BAND


## FEATURES

- Oscillation detection and shutdown with auto reset
- No physical connection to your cell phone or cellular data card
- Works on all generations of CDMA, TDMA, GSM, and 3G
- Passes TIA/EIA-98-E transmit tests for evaluating CDMA cellular phones
- Power control logic ensures maximum gain is within cellular standards
- Allows multiple phones and cellular data cards to be used simultaneously
- Maximum 3 watts output power
- Overload protection circuit – protects cell system from overload
- Automatic reset – if overload occurs
- FCC and IC type accepted



## SPECIFICATIONS

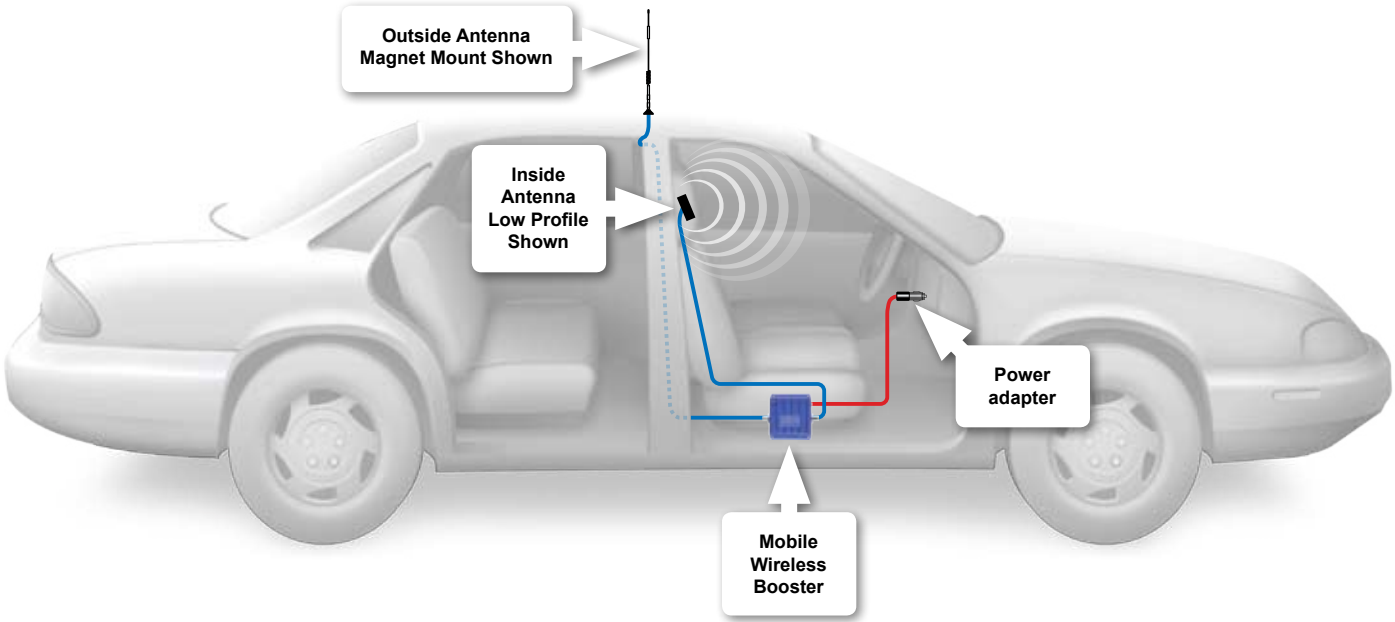
	Single Band 800 MHz	Dual-Band 800 / 1900 MHz	iDEN Single-Band 800 MHz
<b>Part Number</b>	801101	 801201 <b>KIT</b>	804002
<b>Frequency</b>	824-894 MHz	824-894 MHz / 1850-1990 MHz	806-869 MHz
<b>Gain</b>	40 dB	40 dB / 45 dB	40 dB
<b>Max Output Power</b>	2140 mW	2820 mW	30.2 dBm
<b>Max RF (downlink)</b>	+10 dBm	+10 dBm	+10 dBm
<b>Noise Figure</b>	3.5 dB nominal	3.5 dB nominal	3.5 dB nominal
<b>Flatness</b>	±3 dB / ±4 dB	±3 dB / ±4 dB	±3 dB / ±3 dB
<b>Isolation</b>	> 90 dB	> 90 dB	> 90 dB
<b>Power Requirements</b>	12 V, 0.5-1.5 A max	6 V, 3 A max	12 V, 0.5-1.5 A max
<b>Connectors</b>	FME-Male 50 ohms	FME-Male 50 ohms	FME-Male 50 ohms
<b>Dimensions</b>	5.5 x 4.3 x 1.4 (inch) 14.0 x 10.8 x 3.5 (cm)	4.5 x 3.5 x 1.25 (inch) 11.43 x 8.9 x 3.2 (cm)	5.5 x 4.3 x 1.4 (inch) 14.0 x 10.8 x 3.5 (cm)
<b>Weight</b>	1.32 lbs / 0.6 kg	1.5 lbs / 0.7 kg	1.32 lbs / 0.6 kg

 = Best Seller

**KIT** = Available in Plug-and-Play kit (Page 26)



MOBILE PROFESSIONAL SERIES INSTALLATION DIAGRAM



ANTENNA OPTIONS

- NMO Antenna
- Mini Magnet Mount Antenna
- Magnet Mount Antenna
- Trucker Antenna
- More listed on pages 30-35

Mobile Cellular Amplifiers – Peak Performance on the Road

From road warriors to truckers to soccer moms, thousands of drivers depend on Wilson Electronics Mobile Cellular Boosters to stay connected around town and on the open highway. These powerful boosters enable cell phone and data card users to extend their signal range, reduce dropped calls, and increase data rates with no physical connection to cell phone or data card. And, because they're wireless, these boosters support multiple users simultaneously.