

Wilson Electronics
iDEN Mobile Wireless
Bi-Directional Amplifier

iDEN



ANTENNA OPTIONS

Tuned for iDEN frequencies

- Magnet-Mount Antenna
- Mini Magnet-Mount Antenna
- NMO Mount Antenna

ACCESSORIES

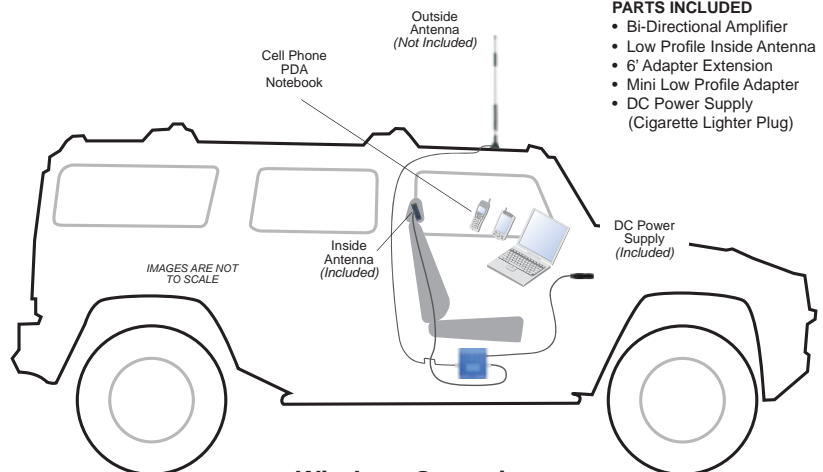
- Coax Cable Extension

FEATURES

- No physical connection to your cell phone or cellular data card
- Allows multiple phones and cellular data cards to be used simultaneously
- Automatic gain control
- Overload protection circuit – protects cell system from overload
- Automatic reset – if overload occurs
- FCC and IC type accepted
- Oscillation detection and shutdown with auto reset
- 3 watt power amplifier

PARTS INCLUDED

- Bi-Directional Amplifier
- Low Profile Inside Antenna
- 6' Adapter Extension
- Mini Low Profile Adapter
- DC Power Supply (Cigarette Lighter Plug)



Wireless Operation
No Physical Connection to Cell Phone

SPECIFICATIONS

	iDEN Single Band 800 MHz
Part Number	804002
Frequency	806-869 MHz
Gain (Rx/Tx)	40 dB
Max Output Power	3 watts
Max RF (up/down)	+35 dBm / +10 dBm
Noise Figure	4 dB nominal
Flatness	±3 dB / ±3 dB
Isolation	> 90 dB
Power Requirements	12 V, 0.5-1.5 A max
Connectors	FME-Male 50 ohms
Dimensions	5.5 x 4.3 x 1.4 (inch) / 14.0 x 10.8 x 3.5 (cm)
Weight	1.32 lbs / 0.6 kg