

Wilson Cellular
In-Vehicle Wireless
Bi-Directional Amplifier



iDEN

FEATURES

- Allows Multiple Phones to be Used Simultaneously
- Maximum 3 Watts Output Power
- Automatic Gain Control
- Overload Protection Circuit – Protects Cell System from Overload
- Automatic Reset – If Overload Occurs
- For Use With Nextel®, Southern LINC® & Mike®
- FCC Type Accepted



ANTENNA OPTIONS

Tuned for iDEN (for use with Nextel®, Southern LINC® & Mike®)

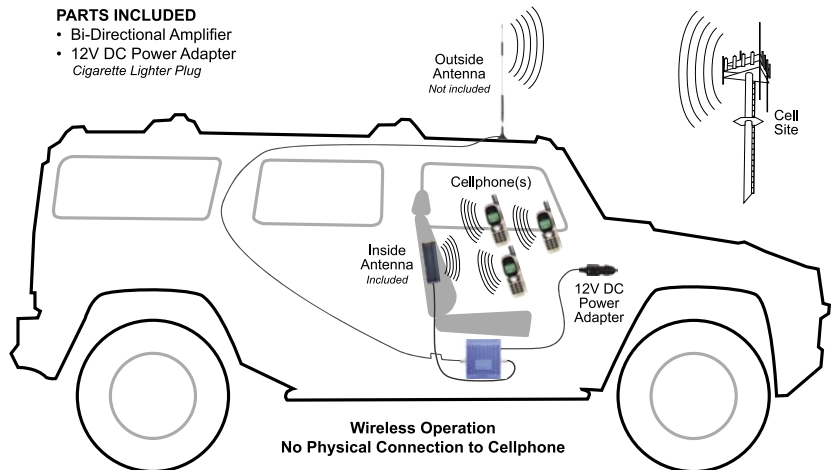
- Glass Mount
- Magnet Mount
- NMO Mount
- Others Available

ACCESSORIES

- Coax Cable Extension

PARTS INCLUDED

- Bi-Directional Amplifier
- 12V DC Power Adapter
- Cigarette Lighter Plug



PICTURES ARE NOT TO SCALE

SPECIFICATIONS

	37dB
Part Number	804002
Frequency	806-821MHz Uplink 851-866MHz Downlink
Gain (up/down)	37dB / 37dB
Linear Output Power	+30dBm
Max Output Power	3 Watts
Max RF (up/down)	+35dBm / +10dBm
Noise Figure (down)	4dB nominal
Flatness (up/down)	+/- 3dB / +/-3dB
Isolation	Uplink/Downlink more than 90dB
Power Requirements	12V, 1.5A
Connectors	FME-Male 50 Ohms
Dimensions	5.5 x 4.3 x 1.4 (inch) or 14.0 x 10.8 x 3.5 (cm)
Weight	1.32 lbs or 0.6 kg