



# Direct Connection Amplifiers

## Single Band 800 MHz w/ 1900 MHz Bypass

## Dual Band 800 / 1900 MHz



# CELLULAR & PCS

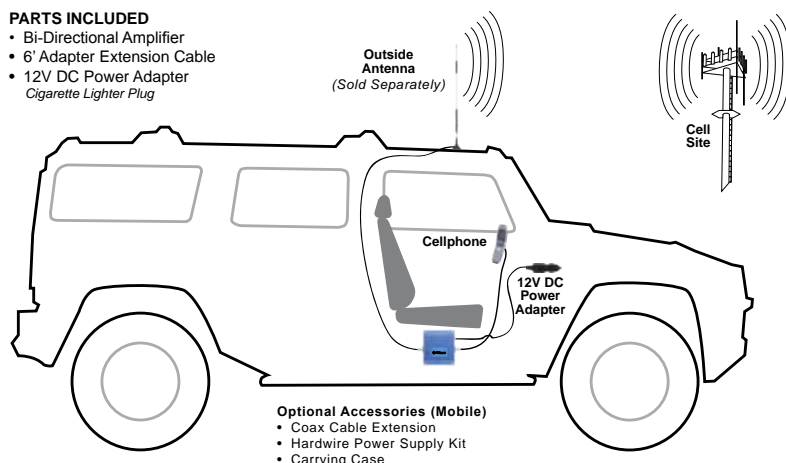


- Improves Voice and Data Signal Quality
- Maximum 3 Watts Output Power (Cell Site Controlled)
- Passes TIA/EIA-98-E transmit tests for evaluating CDMA Cellular Phones
- Power Control Logic ensures Maximum Output Power is within Cellular Standards
- Automatic Gain Control
- **Advanced Electronics Receive & Transmit Better Than Your Cellphone\*\***  
Wilson's Custom Circuitry Provides the Lowest Signal to Noise Ratio of Any Direct Connect Amplifier Available
- **Connects Directly to Cellphone with a Wilson Antenna Adapter**  
Wilson Carries Over 85 Different Adapters that Fit Over 400 Cellphones
- **Mobile, Marine and In-Building Use**  
(D/C Power Supply Included - A/C Power Supply Sold Separately)  
This Versatile Cellular Amplifier Works Great on Trucks, Cars, RVs, Boats, Homes, Offices, or Almost Any Other Application
- Greatly Reduces Disconnects, Drop Outs, and Noise
- Eliminates All Microwave Energy Radiating Into the Head
- FCC Type Accepted

Part Number	811101	811201	812201
Frequency	824MHz-894MHz	824-894MHz / 1850-1990MHz	824-894MHz / 1850-1990MHz
Modulation	CDMA Technologies (also works on GSM/TDMA Technologies)	CDMA Technologies (also for on GSM/TDMA Technologies)	GSM/TDMA Technologies Only
Gain (up/down)	Cell Site Controlled		
Linear Output Power	+30dBm		
Max Output Power	3 Watts (Cell Site Controlled)		
Max RF (up/down)	+35dBm / +5dBm		
Noise Figure (down)	3.5dB nominal		
Flatness (up/down)	+/- 2dB / +/-2dB		
Isolation	Uplink/Downlink 90dB		
Power Consumption	12V, .5-1.5A (subject to Uplink power)		
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		

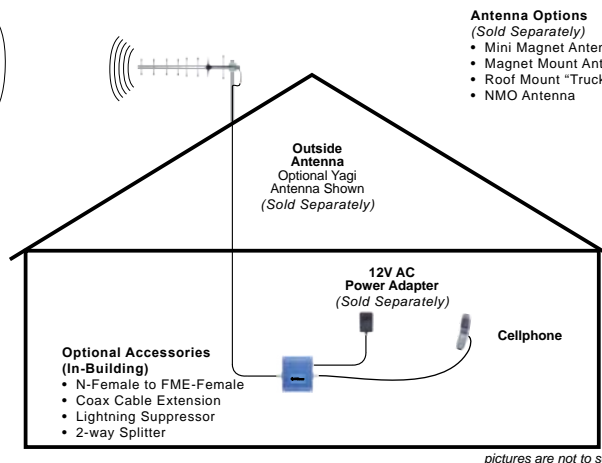
#### PARTS INCLUDED

- Bi-Directional Amplifier
- 6' Adapter Extension Cable
- 12V DC Power Adapter  
Cigarette Lighter Plug



#### Antenna Options (Sold Separately)

- Mini Magnet Antenna
- Magnet Mount Antenna
- Roof Mount "Trucker"
- NMO Antenna



*pictures are not to scale*