



FEATURES

- Improves voice and data signal quality
- Improves data communication rates needed for 3G technologies
- Power control logic ensures maximum output power is within cellular network standards
- Automatic gain control
- Advanced electronics receive and transmit better than a cell phone or cellular data card
- Connects directly to cell phone with a Wilson antenna adapter
- Mobile, marine and in-building use
- Greatly reduces disconnects, drop-outs, and noise
- Transmits signal energy to the outside antenna
- FCC and IC type accepted
- 3 watt power amplifier

Part Number	811101	811201	812201 (GSM/TDMA)	814001
Frequency	824-894 MHz (with 1900 MHz bypass)	824-894 MHz 1850-1990 MHz	824-894 MHz 1850-1990 MHz	806-866 MHz
Gain (Rx/Tx)	10 dB	10 dB / 14 dB	14 dB / 14 dB	10 dB
Max Output Power	3 watts			
Max RF (up/down)	+35 dBm / +15 dBm			
Noise Figure	3.5 dB nominal			
Flatness	± 2 dB / ±2 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			

Parts Included
 Bi-Directional Amplifier
 6' Adapter Extension Cable
 DC Power Supply (Cigarette Lighter Plug)

Optional Accessories (Mobile)
 Coax Cable Extension
 Hardwire Power Supply Kit
 Carrying Case

Antenna Options (Sold Separately)
 Mini Magnet-Mount Antenna
 Magnet-Mount Antenna
 Roof-Mount Trucker Antenna
 NMO Antenna

Optional Accessories (In-Building)
 N-Female to FME-Female
 Coax Cable Extension
 Lightning Suppressor
 2-way Splitter

