

Wilson Cellular
Mobile Wireless
Single & Dual Band Amplifiers



CELLULAR PCS



DUAL BAND



SINGLE BAND

ANTENNA OPTIONS

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

ACCESSORIES

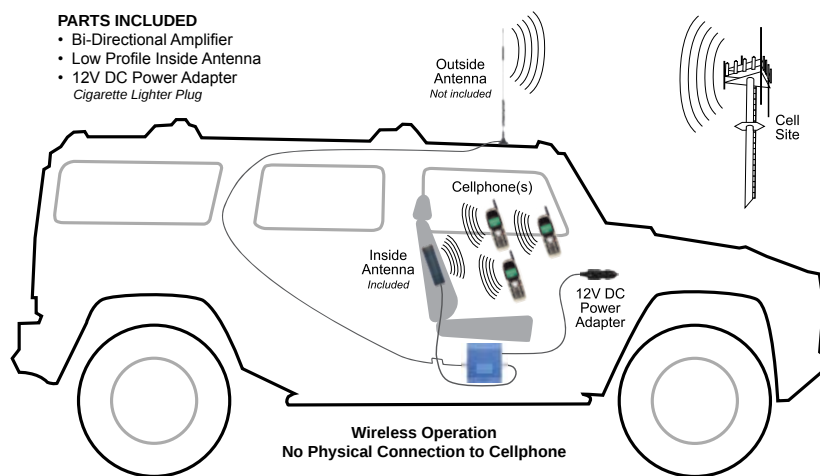
- Coax Cable Extension

FEATURES

- 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 to be Used Simultaneously
- Maximum 3 Watts Output Power (cell site controlled)
- Designed for All Cellular Systems Including AMPS, CDMA, EDGE, GPRS, GSM & TDMA
- LED - Power & Overload Shutdown/Oscillation
- Overload Protection Circuit – Protects Cell System from Overload
- Automatic Reset – if overload occurs

PARTS INCLUDED

- Bi-Directional Amplifier
- Low Profile Inside Antenna
- 12V DC Power Adapter
Cigarette Lighter Plug



PICTURES ARE NOT TO SCALE

SPECIFICATIONS

	Single Band 800 MHz	Dual Band 800 / 1900 MHz
Part Number	801101	801201
Frequency	824-849MHz Uplink 869-894MHz Downlink	824-894MHz / 1850-1990MHz
Gain (up/down)	37dB / 37dB	40dB / 40dB
Linear Output Power	+30dBm	+30dBm
Max Output Power	3 Watts (Cell Site Controlled)	3 Watts (Cell Site Controlled)
Max RF (up/down)	+35dBm / +10dBm	+35dBm / +10dBm
Noise Figure (typical)	4dB nominal	3dB nominal
Flatness (up/down)	+/- 3dB / +/-4dB	+/- 3dB +/- 4dB
Isolation	Uplink/Downlink more than 90dB	Uplink/Downlink more than 90dB
Power Requirements	12V, .5-1.5 (subject to Uplink power)	12V, .5-1.5 (subject to Uplink power)
Connectors	FME-Male 50 Ohms	FME-Male 50 Ohms
Dimensions	5.5 x 4.3 x 1.4 (inch) or 14.0 x 10.8 x 3.5 (cm)	4.5 x 3.5 x 1.25 (inch) or 11.43 x 8.9 x 3.2 (cm)
Weight	1.32 lbs or 0.6 kg	1.5 lbs or 0.7 kg