

Wilson Cellular
Single Band 800 MHz Direct
Connection Bi-Directional Amplifier
(for Cellular frequencies)



CELLULAR

811101

IDEN DIRECT CONNECTION AMPLIFIER

Wilson Cellular

FEATURES

- Maximum 3 Watts Output Power on 800 MHz
- Allows Full Benefit of Outside Antenna on 1900 MHz
- 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
- Can be Used in Fixed or Mobile Applications
- Purchase of External Antenna & Phone Specific Adapter Required
- FCC Type Accepted

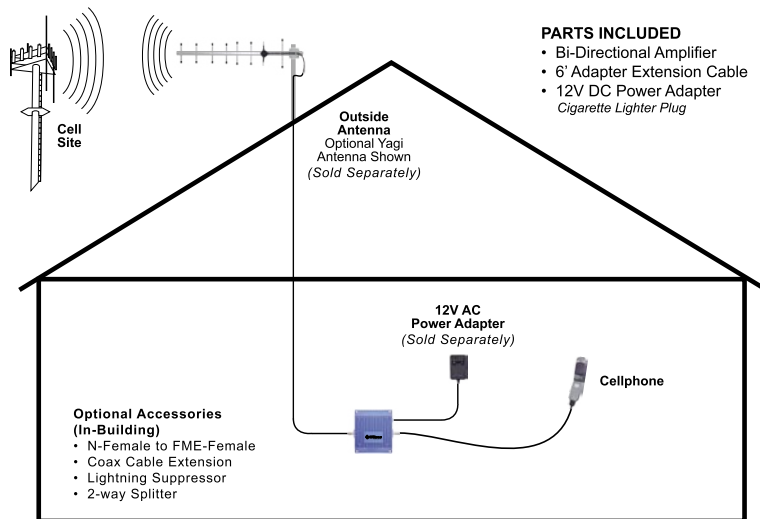
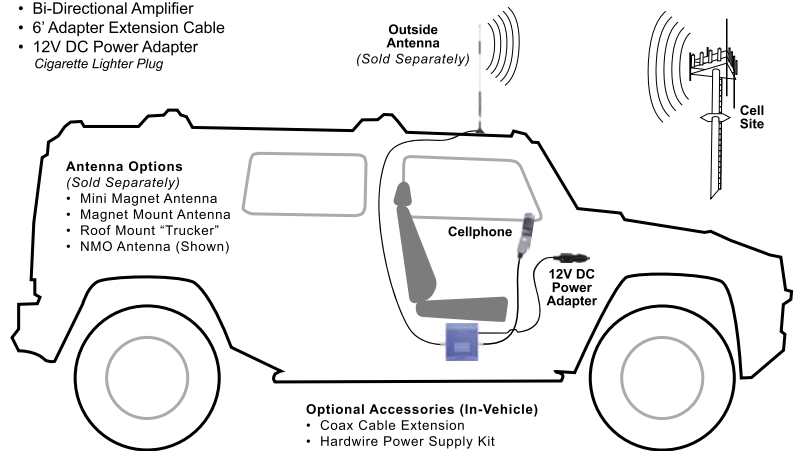
SPECIFICATIONS

Part Number	811101
Frequency	824MHz-894MHz
Gain (up/down)	Cell Site Controlled
Linear Output Power	+30dBm
Max Output Power	3 Watts
Max RF (up/down)	+35dBm / +5dBm
Noise Figure (down)	3.5dB nominal
Flatness (up/down)	+/- 2dB / +/-2dB
Isolation	Uplink/Downlink 90dB
Power Consumption	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



INSTALL DIAGRAMS

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



pictures are not to scale