

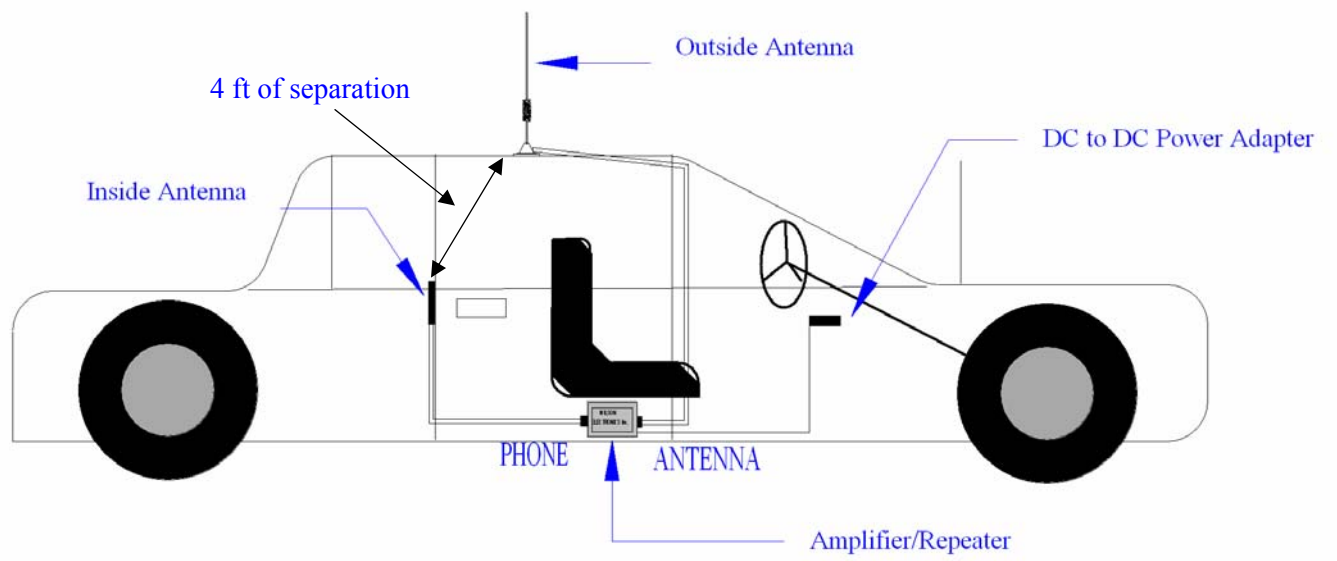
1. AMPLIFIER

1.1 About

The Amplifier greatly improves signal strength when using your portable IDEN phone inside the car. The signal is received by the outside antenna from the cell site. It is then AMPLIFIED/REPEATED and then transmitted to your AMPS phone through the inside antenna. When the phone transmits it is received by the inside antenna. It is then AMPLIFIED/REPEATED and then transmitted to the cell site through the outside antenna.

2.2 Specifications:

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| FREQUENCY: | 806-821 MHZ UPLINK 851-866 MHZ |
| DOWNLINK GAIN: | 37 DB UPLINK 37 DB DOWNLINK |
| FLATNESS: | + - 2DB |
| MAX RF OUTPUT POWER: | UPLINK 1W DOWNLINK 0.01W |
| NOISE FIGURE: | 6DB @894MHZ |
| UPLINK DOWNLINK ISOLATION: | > 90 DB |
| POWER CONSUMPTION: | 12V, .5Amps |
| CONNECTOR: | 2-FME-Male 50 OHMS |
| DIMENSIONS: | 5.5 x 4.3 x 1.4 (INCHES) OR 14.0 x 10.8 x 3.5(CM) |
| WEIGHT: | 1.32 POUNDS OR 600G |



AMPLIFIER LAYOUT