

3. AMPLIFIER

3.1 About

The Amplifier greatly improves signal strength when using your portable iDEN phone inside the building. The signal is received by the outside antenna from the cell site. It is then AMPLIFIED/REPEATED and then transmitted to your iDEN 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.

3.2 Specifications:

FREQUENCY:	806-821 MHZ UPLINK 851-866 MHZ DOWNLINK
GAIN:	50 DB UPLINK 50 DB DOWNLINK
FLATNESS:	UPLINK +/- 3 DB DOWNLINK +/- 3DB
MAX RF OUTPUT POWER:	UPLINK 1W DOWNLINK 0.01W
NOISE FIGURE:	UPLINK/DOWNLINK (LESS THAN OR EQUAL TO 8DB)
UPLINK DOWNLINK ISOLATION:	MORE THAN 60 DB
POWER CONSUMPTION:	13.8V, 1.5A
CONNECTOR:	N-FEMALE 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