

In-Building Wireless 50 dB & 60 dB iDEN (806-866 MHz) Amplifiers



Benefits

- Significantly improves voice and data signal quality.
- Requires no physical connection to cell phone or laptop.
- Greatly reduces disconnects and drop outs.
- Provides high signal-to-noise ratio.
- Receives and transmits better than a cell phone or laptop data card.
- Works great in homes, offices, buildings and warehouses.
- Extends cell phone battery life.
- Easy to install and use.

Features

- For iDEN technologies.
- Automatic gain control up to 50 dB / 60 dB.
- Multiple gain steps 30-50 dB / 30-60 dB.
- Power control logic ensures maximum output power is within cellular standards.
- Automatic gain adjusting in the event of oscillation and/or overload.
- Automatic shutdown on overload.
- Gain indicator lights.
- FCC and IC type accepted.

Product Number	804005	804006
Frequency	806-821 MHz Uplink 851-866 MHz Downlink	
Gain	50 dB	60 dB
Linear Output Power	+30 dBm	
Max Output Power	3 watts (cell site controlled)	
Max RF (up/down)	+30 dBm / +30 dBm	
Noise Figure (typical)	3 dB nominal	
Flatness (up/down)	± 2.5 dB	
Isolation	> 90 dB (uplink/downlink)	
Power Requirements	120 V AC / 3 A max	
Connectors	N-Female 50 ohms	
Dimensions	5.6 x 3.6 x 1.7 (inch) 14.2 x 9.1 x 4.4 (cm)	
Weight	1.5 lbs / 0.7 kg	

PARTS INCLUDED

- Bi-Directional Amplifier
- AC/DC Power Supply

