

Wilson Electronics
Direct Connection Amplifier
High Power iDEN



iDEN
 806-866 MHz



ANTENNA & ACCESSORY OPTIONS

Tuned for iDEN for use with Nextel®, Southern LINC®, Mike® and Motorola private iDEN systems

- Glass-Mount Antenna
- Magnet-Mount Antenna
- NMO Mount Antenna

SPECIFICATIONS

| | |
|---------------------------|--|
| Part Number | 814021 |
| Frequency | 806-821 MHz 851-866 MHz |
| Gain (Rx/Tx) | 10 dB / 10 dB |
| Max Output Power | 5 watts |
| Max RF (up/down) | +37 dBm / +5 dBm |
| Noise Figure | 3 dB nominal |
| Flatness | ±1.5 dB / ±1.5 dB |
| Isolation | >90 dB |
| Power Requirements | 13.8 V, 3.5 A max |
| Connectors | FME-Male 50 ohms |
| Dimensions | 5.5 x 4.3 x 1.4 (inch) 14.0 x 10.8 x 3.5 (cm) |
| Weight | 1.32 lbs / 0.6 kg |

FEATURES

- Maximum 5 watts output power on iDEN frequencies
- For use with Nextel®, Southern Linc®, Mike® and Motorola private iDEN systems
- Smart Technology™ amplifies only on data stream to keep power consumption low
- Mobile, marine and in-building use
- Improves performance of phone-cradle systems
- FCC and IC type accepted

