

# iDEN

## BDA REPEATER FOR GSM (Model # : ABDA-800)



### Description

The ABDA-800 bi-directional amplifier is for the iDEN system. It extends base station coverage to shadow areas caused by large buildings and other structures that can obstruct signal. The ABDA-800 bi-directional amplifier is suitable for small buildings, underground parking lots, subway stations high quality communication with low cost. The unit is easy to install and housed in a rugged.

### Specifications

| Parameter                           | Specifications   |               |
|-------------------------------------|------------------|---------------|
|                                     | Forward          | Reverse       |
| Frequency Range                     | 856 ~ 866 MHz    | 811 ~ 821 MHz |
| Output Power                        | 27 dBm max.      |               |
| Gain                                | 50 dB            |               |
| Manual Gain Control [dB]            | 30 / 1dB step    |               |
| Pass Band Ripple                    | ± 1.5 dB max.    |               |
| VSWR                                | 1.5 : 1 max.     |               |
| Noise Figure [dB]                   | 8 dB (max. gain) |               |
| 3rd order Intercept Point [dBm]     | +38 typical      |               |
| Isolation Between Up/Down Link [dB] | 65 min.          |               |
| Connector                           | N(F)-type        |               |
| Impedance                           | 50 Ω             |               |
| Installation                        | In building      |               |
| Operating Temperature [°C]          | -10 ~ +40        |               |
| Power Supply [V]                    | AC 220           |               |

\* The specification can be modified upon buyer's requests.

\* All specifications are subject to change without notice.

\* The latest specifications are available at [www.actipass.com](http://www.actipass.com)