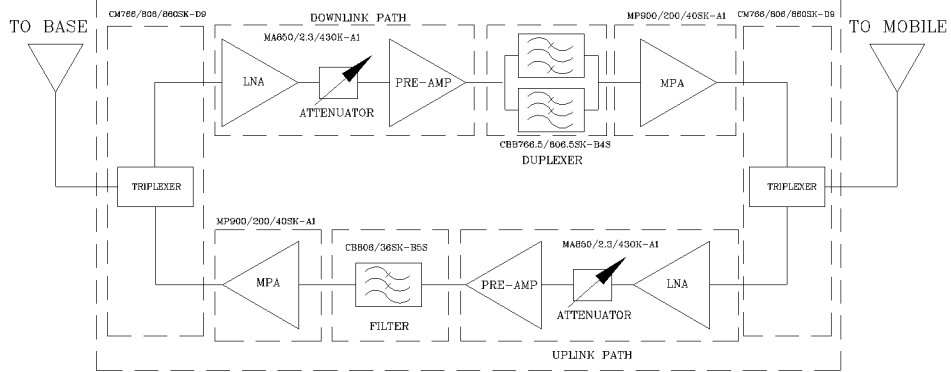


AVAILABLE OPTIONS	Description

REVISIONS			
REV		DATE	APPROVED
A	Linearity and power upgraded (PSB-25/33)	11/12	G. David



### Electrical Specifications

- \*Down-Link (Base to Mobile) Frequency Range [MHz]** : 758 - 775  
: 851 - 861
- \*Up-Link (Mobile to Base) Frequency Range [MHz]** : 788 - 816
- \*Attenuation Downlink @ 862 MHz [dBc]** : 30 (Typ.)
- \*Gain (Minimum attenuation) [dB]** : 80 (Min.), 85 (Typ.)
- \*Gain Flatness [dB]** : +/- 1.5 (Typ.)
- \*Noise Figure (System) [dB]** : 5.0 (Max.), 4.5 (Typ.)
- \*Manual Attenuation Range [dB]** : 0 - 30 in 2-dB steps
- \*Output Power ALC Set [dBm]**
  - Uplink : +27±1
  - Downlink : +33±1
- \*Output Composite Power [dBm]**
  - Uplink : +27 (Typ.)
  - Downlink : +33 (Typ.)
  - Uplink : +48 (Typ.)
  - Downlink : +52 (Typ.)
- \*3rd Order Output Intercept Point [dBm]**
  - @ 2 tones + 24 dBm each
  - @ 2 tones + 30 dBm each
- \*Power Supply** : 110V/0.51A to 220V/.26A (Autoranging) 50 to 60 Hz
- \*Propagation Delay [uSec]** : <0.3
- \*Input/Output Impedance** : 50 ohm
- \*VSWR IN/OUT** : <1.5:1
- \*Net Weight** : < 16 kg/ 35 lb
- \*PAINT: TEXTURED EPOXY BROWN**

**WARNING.** This is NOT a CONSUMER device. It is designed for installation by FCC LICENSEES and QUALIFIED INSTALLERS. You MUST have an FCC LICENSE or express consent of an FCC Licensee to operate this device. Unauthorized use may result in significant forfeiture penalties, including penalties in excess of \$100,000 for each continuing violation.

*WITHOUT INCLUSION OF ACSP OPTION, THIS UNIT MAY NOT BE POWERED BY A GENERATOR.*

SKU # 11602299

NEMA 4 ENCLOSURE

FCC ID: Q8KPS7W83790

OPERATING TEMPERATURE RANGE: -30°C TO +55°C

DIMENSIONS ARE IN INCHES TOLERANCES ARE:		CONTRACT NO:		<h3>G-Wave Solutions</h3>
ANGLES	DECIMALS	APPROVALS	DATE	
± 1"	.XX ± .05 .XXX ± .01	DRAWN Sivak	11/15	<b>BDA-PS7W/PS8NEPS/N-27/33-80-C</b>
TREATMENT		CHECKED		SIZE CAGE CODE DWG NO:
FINISH 63		ENG.		A BDA-PS7W/PS8NEPS/N-27/33-80-C-1
MATERIAL		DESIGN ACTIVITY		REV. A
				SCALE None SHEET 1 OF 1