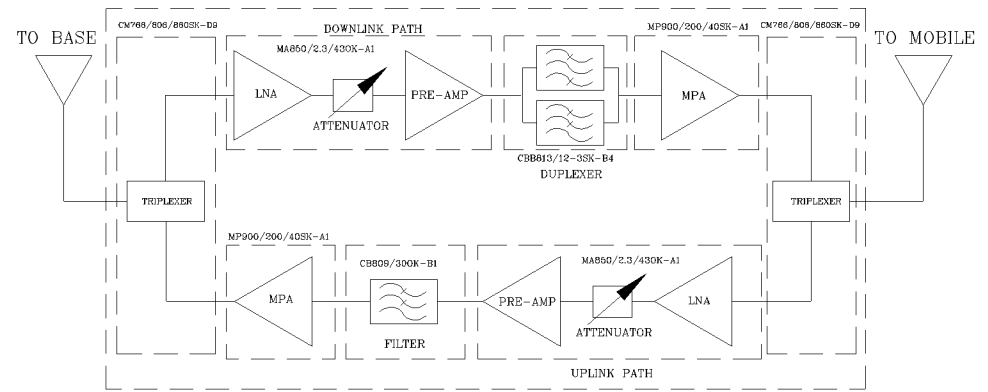


AVAILABLE OPTIONS	Description

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] : 763 - 775
- : 851 - 854
- \*Up-Link (Mobile to Base) Frequency Range [MHz] : 793 - 809
- \*Gain (Minimum attenuation) [dB] : 80 (Min.), 85 (Typ.)
- \*Gain Flatness [dB] : +/- 1.5 (Typ.)
- \*Noise Figure (System) [dB] : 5.5 (Max.), 5.0 (Typ.)
- \*Manual Attenuation Range [dB] : 0 - 30 in 2-dB steps
- \*Output Power ALC Set [dBm]
  - Uplink : +27±1
  - Downlink : +27±1
- \*Output Composite Power [dBm]
  - Uplink : +27 (Typ.)
  - Downlink : +27 (Typ.)
  - Uplink : +48 (Typ.)
  - Downlink : +48 (Typ.)
- \*3rd Order Output Intercept Point [dBm]
  - @ 2 tones + 24 dBm each
  - Uplink : +48 (Typ.)
  - Downlink : +48 (Typ.)
- \*3rd Order Output Intercept Point [dBm]
  - @ 2 tones + 24 dBm each
  - Downlink : +48 (Typ.)
- \*Power Supply : 110V/0.41A to 220V/21A (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: FLAT 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 # 11602187

NEMA 4 ENCLOSURE

DIMENSIONS ARE IN INCHES TOLERANCES ARE:		CONTRACT NO:		<b>G-Wave Solutions</b>	
ANGLES	DECIMALS	APPROVALS	DATE		
± 1°	.XX ± .05 .XXX ± .01 .XXX ± .003	DRAWN Sivak	06/14	TITLE 700/800 MHz BDA	
TREATMENT		CHECKED		BDA-PS7/NPSAC/N-27/27-80-C	
FINISH	63	ENG.		SIZE	CAGE CODE
MATERIAL		DESIGN ACTIVITY		A	DWG NO:
				BDA-PS7/NPSAC/N-27-80-C-1	
				SCALE	None
				SHEET 1 OF 1	

FCC ID: Q8KPS7W83790