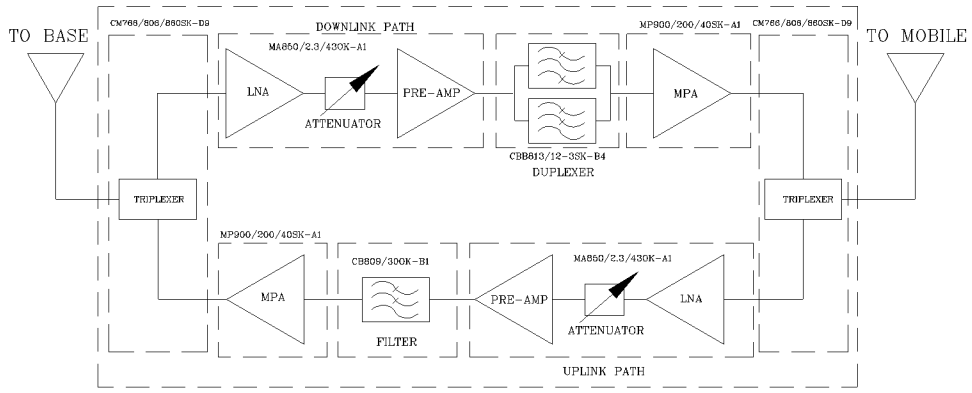


AVAILABLE OPTIONS	Description

REVISIONS			
REV	DESCRIPTION	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 : +25±1  
: Downlink : +30±1
- \*Output Composite Power [dBm] : Uplink : +25 (Typ.)  
: Downlink : +30 (Typ.)  
: Uplink : +45 (Typ.)
- \*3rd Order Output Intercept Point [dBm] @ 2 tones + 22 dBm each : Downlink : +50 (Typ.)
- \*3rd Order Output Intercept Point [dBm] @ 2 tones + 27 dBm each
- \*Power Supply : 110V/0.45A to 220V/22A (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

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

**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.

SKU # 11602216

NEMA 4 ENCLOSURE

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

DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		CONTRACT NO:		<b>G-Wave Solutions</b> TITLE 700/800 MHz BDA <b>BDA-PS7/NPSAC/N-25/30-80-C</b>	
ANGLES ± 1°	DECIMALS .X ± .05 .XX ± .01 .XXX ± .005	APPROVALS	DATE		
TREATMENT	FINISH ✓	DRAWN Sivak	06/14	SIZE A	CAGE CODE
MATERIAL		ENG. DESIGN ACTIVITY		DWG NO:	BDA-PS7/NPSAC/N-25/30-80-C-1
				REV. A	
SCALE None				SHEET 1 OF 1	