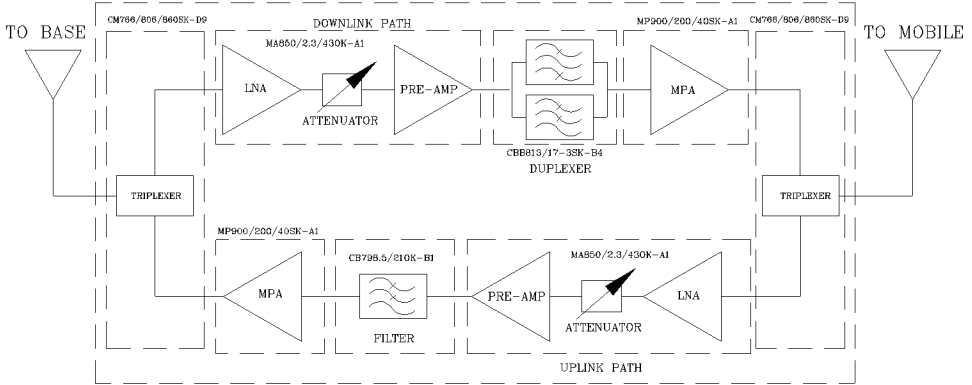


AVAILABLE OPTIONS	Description

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] : 758 - 775
: 851 - 854
- *Up-Link (Mobile to Base) Frequency Range [MHz] : 788 - 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.)
- *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

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 # 11602188

NEMA 4 ENCLOSURE

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

DIMENSIONS ARE IN INCHES TOLERANCES ARE:		CONTRACT NO:		G-Wave Solutions	
ANGLES	DECIMALS	APPROVALS	DATE		
± 1"	X ± .05 XX ± .01 XXX ± .003	DRAWN Sivak	11/15	TITLE 700/800 MHz BDA (LTE)	
TREATMENT	CHECKED	DESIGN ACTIVITY		BDA-PS7W/NPSPAC/N-27/27-80-C	
FINISH	63	ENG.	CAGE CODE	DWG NO:	REV.
MATERIAL		DESIGN ACTIVITY	A	BDA-PS7W/NPSPAC/N-27/27-80-C-1	A
SCALE None			SHEET 1 OF 1		

FCC ID: Q8KPS7W83790