

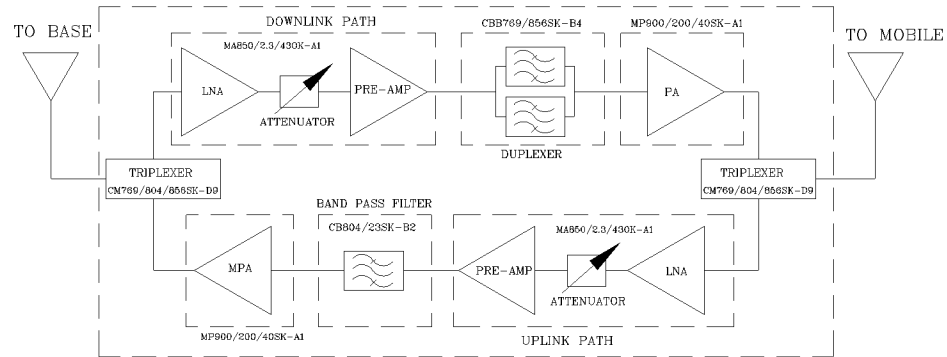
AVAILABLE OPTIONS	Description

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

SKU # 11602215

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.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	Linearity and power upgraded (PS8-25/33)	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 : +25±1 : Downlink : +30±1
- *Output Composite Power [dBm] : Uplink : +25 (Typ.) : Downlink : +30 (Typ.)
- *3rd Order Output Intercept Point [dBm] : Uplink : +45 (Typ.)
- @ 2 tones + 22 dBm each
- *3rd Order Output Intercept Point [dBm] : Downlink : +50 (Typ.)
- @ 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

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

NEMA 4 ENCLOSURE

DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		CONTRACT NO:		G-Wave Solutions					
ANGLES	DECIMALS	APPROVALS	DATE					TITLE 700/800 MHz BDA (LTE)	
± 1°	.XX ± .05 .XXX ± .01 .XXX ± .003	DRAWN Sivak	06/15	BDA-PS7W/PS8NEPS/N-25/30-80-C		SIZE	CAGE CODE	DWG NO:	REV.
TREATMENT		CHECKED		A		BDA-PS7W/PS8NEPS/N-25/30-80-C-1	A		
FINISH	63	ENG.		SCALE None				SHEET 1	OF 1
MATERIAL		DESIGN ACTIVITY							

FCC ID Q8KPS7W83790