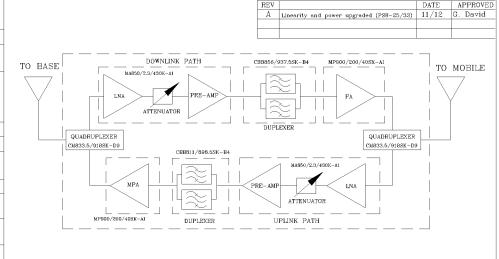


AVAILABLE OPTIONS	Description			
		_		
		_		

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 # 11602190



REVISIONS

**Electrical Specifications** 

\*Down-Link (Base to Mobile) Frequency Range [MHz] : 851 - 861 / 935 - 940 \*Up-Link (Mobile to Base) Frequency Range [MHz] : 806 - 816 / 896 - 901

\*Attenuation @ Passband ± 2 MHz [dBc] : 35 (Typ.)
\*Attenuation PS800 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 :  $+27\pm1$ Downlink :  $+27\pm1$ 

\*Output Composite Power [dBm] Uplink : +27 (Typ.)
Downlink : +27 (Typ.)

\*3rd Order Output Intercept Point [dBm] Uplink : +48 (Typ.)

@ 2 tones + 24 dBm each

\*3rd Order Output Intercept Point [dBm] Downlink : +48 (Typ.)

@ 2 tones + 24 dBm each

\*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 : < 18 kg/40 lb

\*PAINT: FLAT EPOXY BROWN

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

OPERATING TEMPERATURE RANGE50 C TO +55 C													
NEMA 4 ENCLOSURE	DIMENSIONS ARE IN INCHES TOLERANCES ARE: ANGLES DECIMALS	CONTRACT NO:		G-Wave Solutions									
	± 1° .X ± .05 .XX ± .01	APPROVALS	DATE	TITLE	TITLE 800/900 MHz LMR BDA				R BDA				
	.XXX ± .003	DRAWN Sivak	06/15	B	DA-PS8	NEPS	/N/	PS9-	27/27-80-	c l			
	TREATMENT	CHECKED											
	FINISH 63/	ENG.		SIZE C	CAGE CODE DWG			NO:		REV.			
FCC ID Q8KESMR2W80AN89R		DESIGN ACTIVITY		A		BDA-PS8NEPS/N/PS9-27/27-80-C-1				A			
	MATERIAL			SCALE	None				SHEET 1	of 1			