

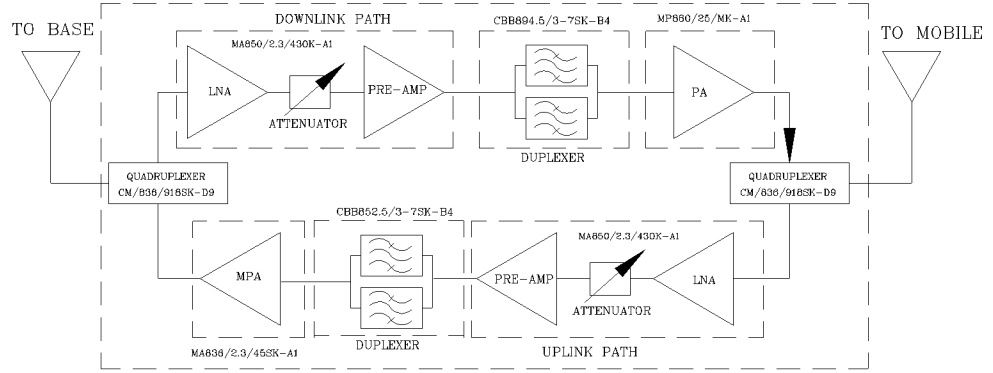
WARNING. This is NOT a CONSUMER device. It is designed for installation by FCC LICENSEES and QUALIFIED INSTALLERS. You MUST have an FCC LICENSE or express consent of an FCC Licensee to operate this device. Unauthorized use may result in significant forfeiture penalties, including penalties in excess of \$100,000 for each continuing violation.

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

SKU # 11602334

AVAILABLE OPTIONS	Description

REVISIONS			
REV		DATE	APPROVED
A	Linearity and power upgraded (PS9-25/33)	11/12	G. David



Electrical Specifications

- *Down-Link (Base to Mobile) Frequency Range [MHz] : 851 - 854
: 935 - 941
- *Up-Link (Mobile to Base) Frequency Range [MHz] : 806 - 809
: 896 - 902
- *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 : +37±1
- *Output Composite Power [dBm]
Uplink : +25 (Typ.)
Downlink : +37 (Typ.)
- *3rd Order Output Intercept Point [dBm]
@ 2 tones + 22 dBm each
Uplink : +45 (Typ.)
- *3rd Order Output Intercept Point [dBm]
@ 2 tones + 34 dBm each
Downlink : +58 (Typ.)
- *Power Supply : 110V/0.63A to 220V/0.32A
(Autorangeing) 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: ANGLES DECIMALS ± 1° X ± .05 XX ± .01 XXX ± .005		CONTRACT NO: _____		G-Wave Solutions			
TREATMENT		APPROVALS	DATE			TITLE 800/900 MHz LMR BDA	
FINISH 63 ✓		DRAWN Sivak 06/14		BDA-NPSPAC/N/PS9-25/37-90-C			
MATERIAL		DESIGN ACTIVITY	CHECKED	SIZE	CAGE CODE	DWG NO:	REV.
				A		BDA-NPSPAC/N/PS9-25/37-90-C-1	A
				SCALE None		SHEET 1 OF 1	

FCC ID: Q8KESMR2W80AN89R