

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.

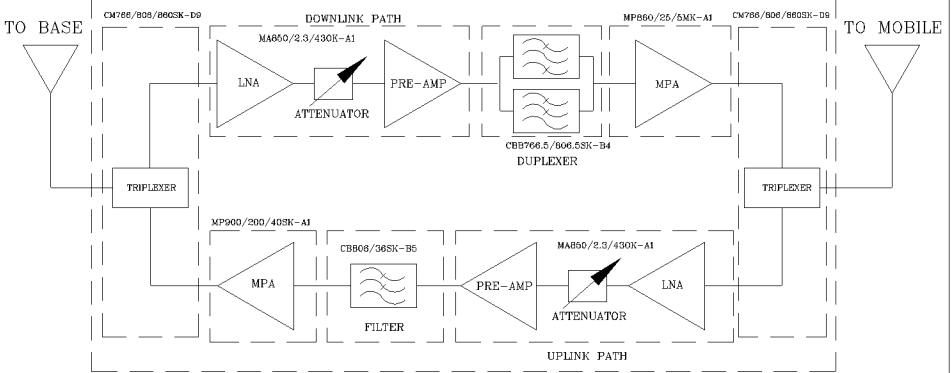
WITHOUT INCLUSION OF ACSP OPTION, THIS UNIT MAY NOT BE POWERED BY A GENERATOR.

SKU # 11602357

NEMA 4 ENCLOSURE

FCC ID: Q8KPS78W3790

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
- *Gain (Minimum attenuation) [dB] : 90 (Min.)
- *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±1
- Downlink : +37±1
- *Output Composite Power [dBm]
- Uplink : +27 (Typ.)
- Downlink : +37 (Typ.)
- Uplink : +48 (Typ.)
- *3rd Order Output Intercept Point [dBm]
- @ 2 tones + 24 dBm each
- @ 2 tones + 34 dBm each
- Downlink : +58 (Typ.)
- *Power Supply : 110V/0.65A to 220V/0.33A (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: TEXTURED EPOXY BROWN

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

DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		CONTRACT NO:		G-Wave Solutions	
ANGLES ± 1°	DECIMALS .XX ± .01 .XXX ± .003	APPROVALS	DATE		
TREATMENT		DRAWN Sivak	11/15	BDA-PS7W/PS8NEPS-27/37-90-C	
FINISH 63		CHECKED		SIZE A	CAGE CODE
MATERIAL		ENG. DESIGN ACTIVITY		DWG NO:	REV. A
				BDA-PS7W/PS8NEPS-27/37-90-C-1	
				SCALE None	SHEET 1 OF 1