

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.

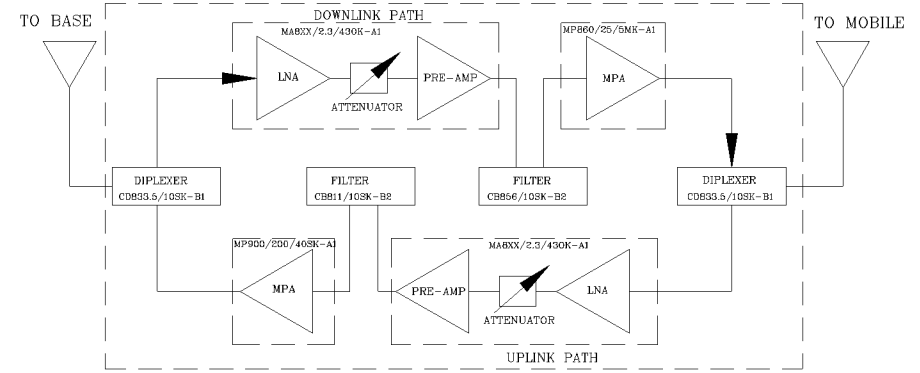
WITHOUT INCLUSION OF ACSP OPTION, THIS UNIT MAY NOT BE POWERED BY A GENERATOR.

SKU # 11602314

NEMA 4 ENCLOSURE

FCC ID Q8KPS8N3790C

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	Linearity and power upgraded (PS8-25/25)	11/12	G. David



Electrical Specifications

- *Down-Link (Base to Mobile) Frequency Range [MHz] : 851 - 861
- *Up-Link (Mobile to Base) Frequency Range [MHz] : 806 - 816
- *Attenuation @ Passband + 1 MHz [dBc] : 30 (Typ.)
- @ Passband +/- 4 MHz [dBc] : 50 (Typ.)
- *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 : +25±1
- Downlink : +37±1
- *Output Composite Power [dBm] : Uplink : +25 (Typ.)
- Downlink : +37 (Typ.)
- Uplink : +45 (Typ.)
- *3rd Order Output Intercept Point [dBm] @ 2 tones + 22 dBm each : Downlink : +58 (Typ.)
- *3rd Order Output Intercept Point [dBm] @ 2 tones + 34 dBm each : Downlink : +58 (Typ.)
- *Power Supply : 110V/0.63A to 220V/.32A (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

DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		CONTRACT NO:	G-Wave Solutions	
ANGLES ± 1°	DECIMALS X ± .05 XX ± .01 XXX ± .005	APPROVALS	DATE	TITLE
TREATMENT	FINISH <input checked="" type="checkbox"/>	DRAWN Sivak	11/11	800 MHz LMR BDA
		CHECKED		BDA-PS8NEPS/N-25/37-90-C
		ENG.		SIZE CAGE CODE DWG NO:
		DESIGN ACTIVITY		A BDA-PS8NEPS/N-25/37-90-C-1 A
MATERIAL				SCALE None SHEET 1 OF 1