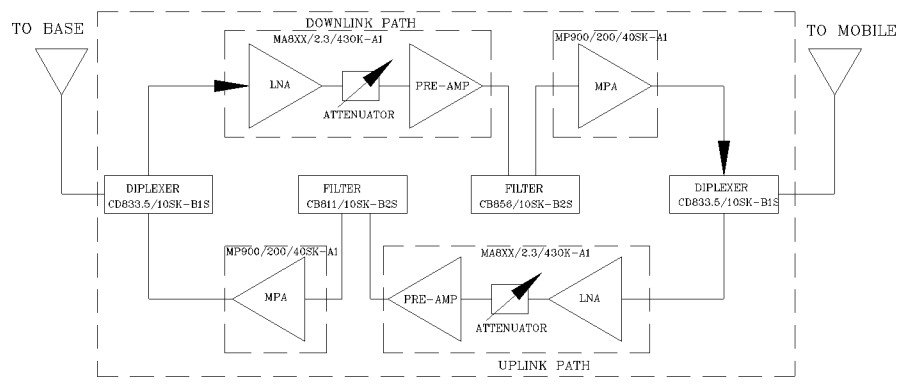


AVAILABLE OPTIONS	Description

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	Linearity and power upgraded (PS8-25/33)	11/12	G. David



Electrical Specifications
(Standard Unit)

- *Down-Link (Base to Mobile) Frequency Range [MHz] : 851-861
- *Up-Link (Mobile to Base) Frequency Range [MHz] : 806-816
- *Rejection @ +1 MHz from Passband [dBc] : 30 (Typ.)
@ +/- 4 MHz from Passband [dBc] : 50 (Typ.)
- *Gain (Minimum attenuation) [dB] : 80 (Min.), 85 (Typ.)
- *Gain Flatness [dB] : +/- 1.5 (Max.)
- *Noise Figure [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 : +25±1
- *Output Composite Power [dBm]
 - Uplink : +25 (Typ.)
 - Downlink : +25 (Typ.)
- *3rd Order Output Intercept Point [dBm]
 - Uplink : +45 (Typ.)
 - Downlink : +45 (Typ.)
- *3rd Order Output Intercept Point [dBm]
 - @ 2 tones + 22 dBm each
 - Downlink : +45 (Typ.)
- *Power Supply : 110V/0.37A to 220V/19A (Autoranging) 50 to 60 Hz
- *Propagation Delay [uSec] : <0.25
- *Input/Output Impedance : 50 ohm
- *VSWR IN/OUT : <1.5:1
- *Net Weight : < 16 kg/35 lb
- *PAINT: FLAT EPOXY BROWN

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

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.

SKU # 11602148

NEMA 4 ENCLOSURE

FCC ID Q8KPS8N3790C

DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		CONTRACT NO:		G-Wave Solutions	
ANGLES ± 1°	DECIMALS X ± .05 XX ± .01 XXX ± .003	APPROVALS	DATE		
TREATMENT		DRAWN Sivak	08/15	TITLE Indoor BDA 800 MHz LMR BDA-PS8NEPS/N-25/25-80-C	
FINISH 63/		CHECKED		SIZE A	CAGE CODE
MATERIAL		ENG. DESIGN ACTIVITY		DWG NO:	REV. A
				BDA-PS8NEPS/N-25-80-C-1	SHEET 1 OF 1
				SCALE None	