

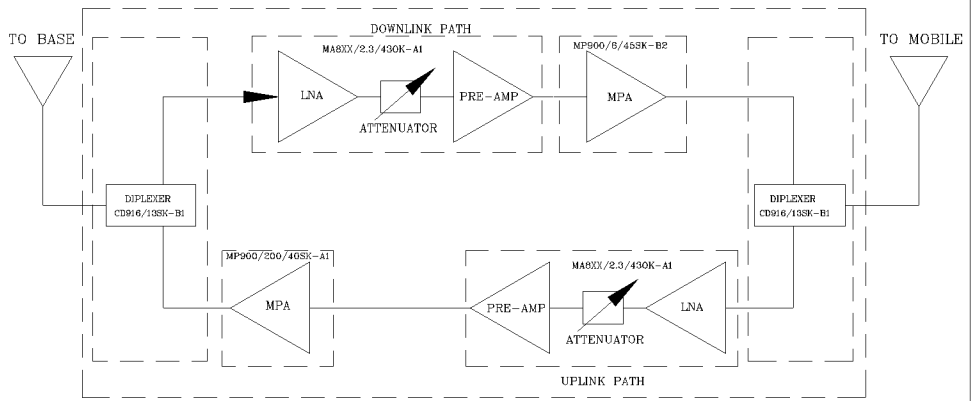
AVAILABLE OPTIONS	Description

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

SKU # 14503644

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.

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	Linearity and power upgraded (2PGN-25/26)	11/12	G. David



Electrical Specifications (Standard Unit)

- *Down-Link (Base to Mobile) Frequency Range [MHz] : 929-942
- *Selectivity @ +/- 4 MHz from Passband [dBc] : 35 (Min.)
- *Up-Link (Mobile to Base) Frequency Range [MHz] : 900-903
- *Selectivity @ +/- 4 MHz from Passband [dBc] : 50 (Min.)
- *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 2dB 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]
 - Uplink : +45 (Typ.)
 - Downlink : +58 (Typ.)
- *3rd Order Output Intercept Point [dBm]
 - @ 2 tones + 22 dBm each
 - @ 2 tones + 34 dBm each
- *Power Supply : 110V/0.63A to 220V/.32A (Autoranging) 50 to 60 Hz
- *Input/Output Impedance : 50 ohm
- *VSWR IN/OUT : <1.5:1 (Max.)
- *Propagation Delay [uSec] : <0.25
- *PAINT: TEXTURED EPOXY BROWN
- *Net Weight : <12.5 kg/27.8 lb

OPERATING TEMPERATURE RANGE: -20°C TO +50°C

DIMENSIONS ARE IN INCHES TOLERANCES ARE:		CONTRACT NO:		G-Wave Solutions			
ANGLES	DECIMALS	APPROVALS	DATE				
± 1°	.XX ± .05 .XX ± .01 .XXX ± .005	DRAWN Sivak	03/07	2-Way Paging BDA			
TREATMENT	CHECKED	DESIGN ACTIVITY		BDA-2PGN-25/37-80-AB			
FINISH	63/	SIZE	CAGE CODE	DWG NO:	REV.		
MATERIAL		A		BDA-2PGN-25/37-80-AB-1	A		
SCALE None				SHEET 1 OF 1			