

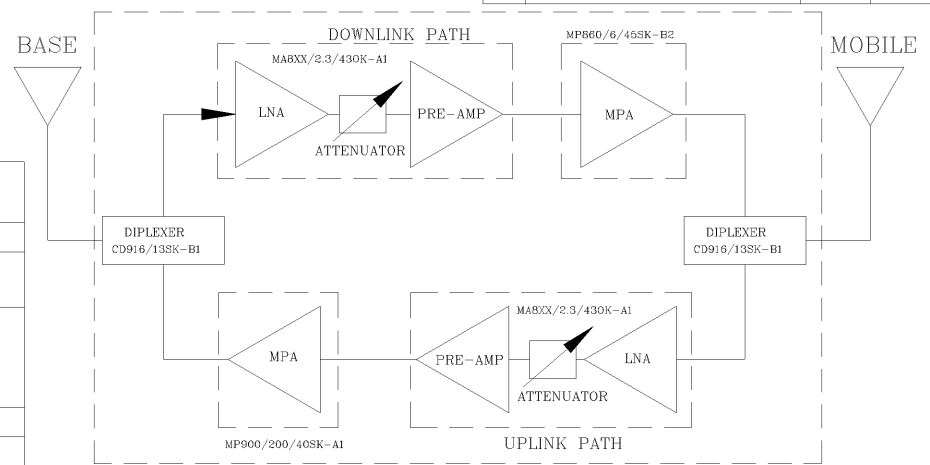
INCLUDED OPTIONS	Description
VA	Local Visual Alarms

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 # 14502687

REVISIONS			
REV		DATE	APPROVED



Electrical Specifications

- *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 (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 : +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
 - Downlink : +58 (Typ.)
 - @ 2 tones + 34 dBm each
- *Power Supply : 110V/0.65A to 220V/.33A (Autoranging) 50 to 60 Hz
- *Propagation Delay [uSec] : < 0.3
- *Input/Output Impedance : 50 ohm
- *VSWR IN/OUT : < 1.5:1
- *Net Weight (Estimated) : < 16 kg/35 lb
- *PAINT: TEXTURED EPOXY BROWN

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

DIMENSIONS ARE IN INCHES		CONTRACT NO:		G-Wave Solutions	
TOLERANCES ARE		APPROVALS			
ANGLES	DECIMALS	DATE	TITLE	2-Way Paging Repeater	
± 1"	X ± .05	DRAWN Sivak	10/16	BDA-2PGN-27/37-80-AB	
	.XX ± .01	CHECKED		SIZE	CAGE CODE
	.XXX ± .003	ENG.		A	DWG NO:
TREATMENT		DESIGN ACTIVITY		BDA-2PGN-27/37-80-AB-1	
FINISH	63/			REV.	0
MATERIAL				SCALE	None
				SHEET	1 OF 1

FCC ID: Q8K2PGN10W90