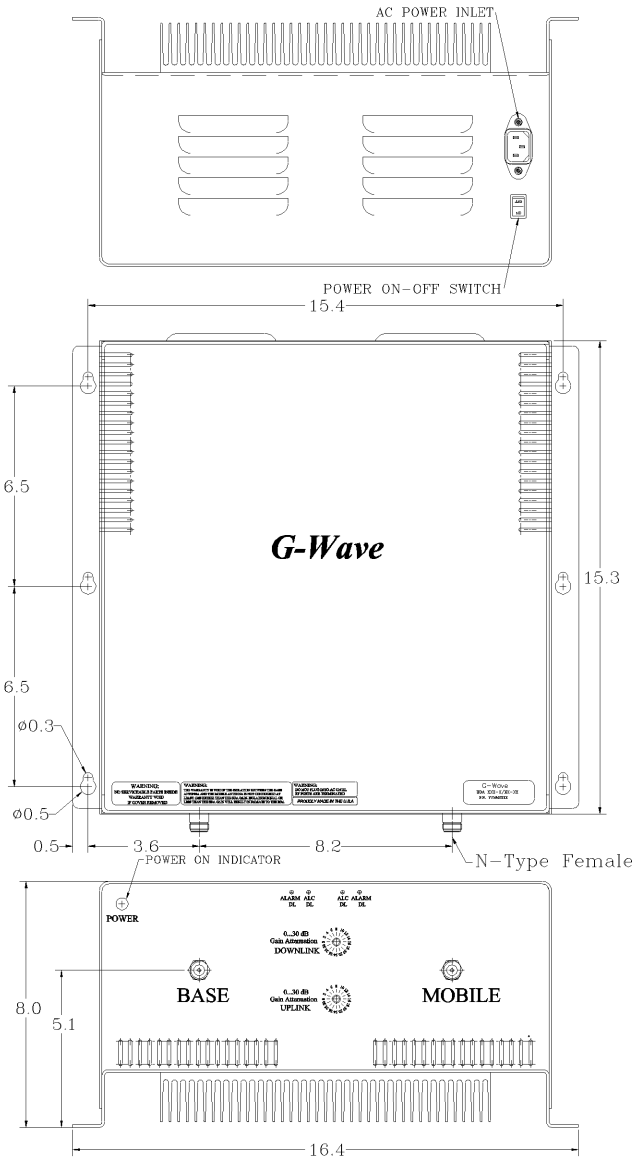
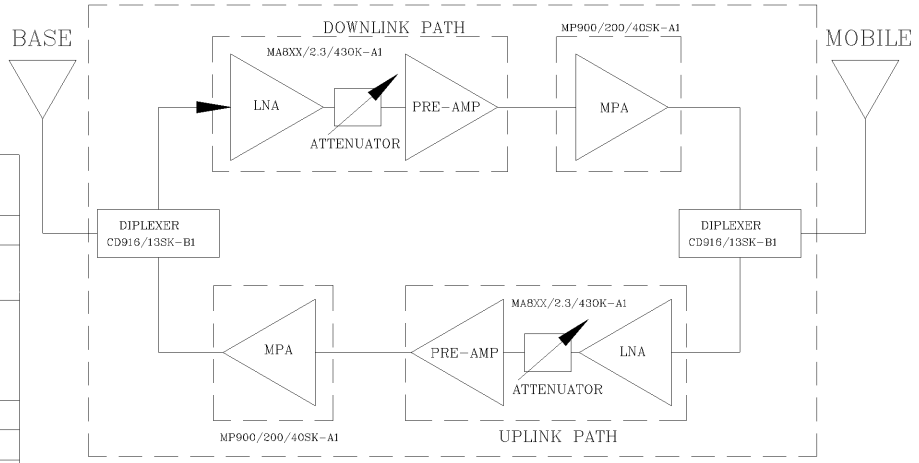
REVISIONS			
REV		DATE	APPROVED



INCLUDED OPTIONS	Description
VA	Local Visual Alarms



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	:	+25 ± 1
	Downlink	:	+25 ± 1
*Output Composite Power [dBm]	Uplink	:	+25 (Typ.)
	Downlink	:	+25 (Typ.)
*3rd Order Output Intercept Point [dBm] @ 2 tones + 22 dBm each	Uplink	:	+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]		:	< 0.3
*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

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 # 14501002

FCC ID: Q8K2PGN10W90

DIMENSIONS ARE IN INCHES. TOLERANCES ARE: ANGLES ± 1° DECIMALS X ± .05 XX ± .01 XXX ± .003	CONTRACT NO:		G-Wave Solutions
	APPROVALS	DATE	TITLE 2-Way Paging Repeater BDA-2PGN-25/25-80-AB
	DRAWN Sivak	10/16	
TREATMENT	CHECKED		
FINISH 63	ENG.		SIZE A / CAGE CODE / DWG NO: BDA-2PGN-25/25-80-AB-1 / REV. 0
MATERIAL	DESIGN ACTIVITY		SCALE None / SHEET 1 OF 1