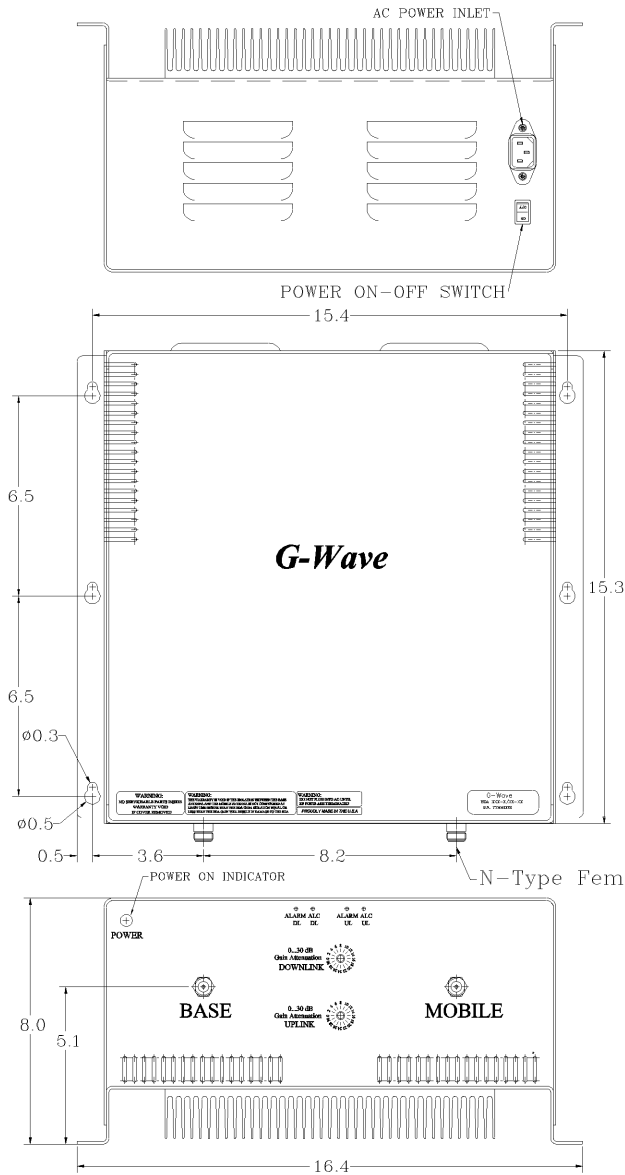


REVISIONS

REV	DATE	APPROVED



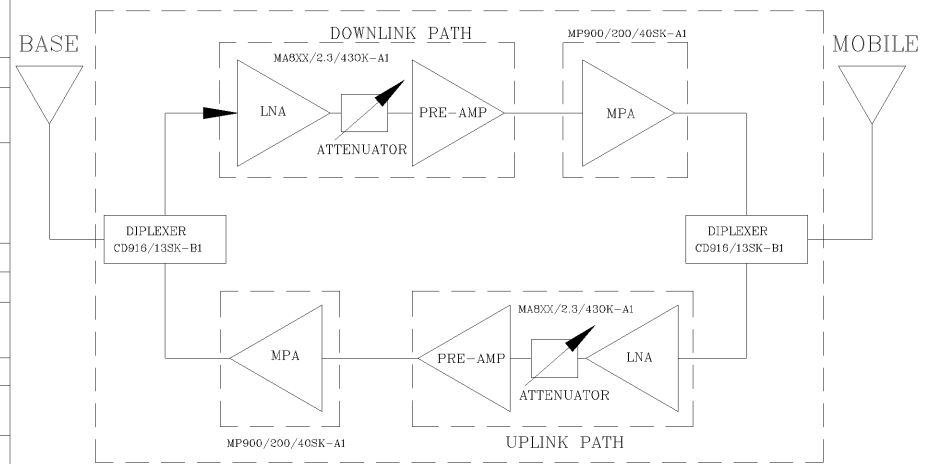
G-Wave

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 # 14502785



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 : +30 ± 1
- *Output Composite Power [dBm]
 - Uplink : +25 (Typ.)
 - Downlink : +30 (Typ.)
 - Uplink : +45 (Typ.)
- *3rd Order Output Intercept Point [dBm] @ 2 tones + 22 dBm each
- *3rd Order Output Intercept Point [dBm] @ 2 tones + 27 dBm each
 - Downlink : +50 (Typ.)
- *Power Supply : 110V/0.50A to 220V/.25A (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 TOLERANCES ARE	CONTRACT NO:	G-Wave Solutions TITLE 2-Way Paging Repeater BDA-2PGN-25/30-80-AB			REV.	
	APPROVALS DATE				SIZE	CAGE CODE
ANGLES DECIMALS ± 1° X ± .05 XX ± .01 XXX ± .003	DRAWN Sivak 10/16				A	
TREATMENT	CHECKED	SCALE None		SHEET 1 OF 1		
FINISH 63	ENG. DESIGN ACTIVITY					
MATERIAL						