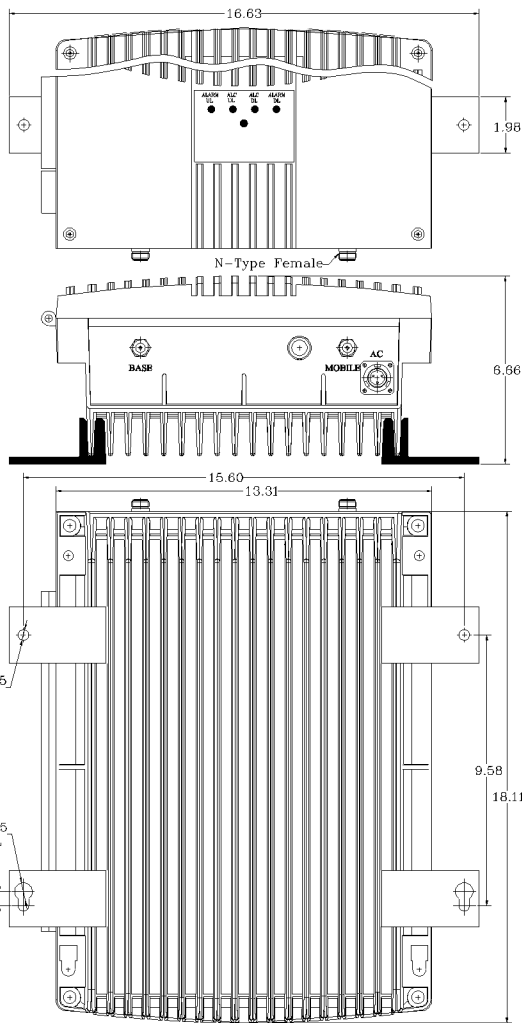


REVISIONS

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

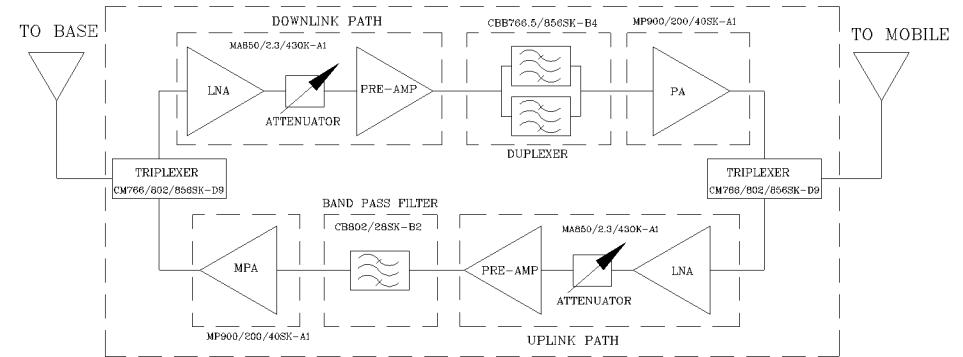
AVAILABLE OPTIONS	Description



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 # 11602242



Electrical Specifications

- *Down-Link (Base to Mobile) Frequency Range [MHz] : 758-775 : 851-861
- *Up-Link (Mobile to Base) Frequency Range [MHz] : 788-816
- *Attenuation Downlink @ 862 MHz [dBc] : 30 (Typ.)
- *Gain (Minimum attenuation) [dB] : 80 (Min.), 85 (Typ.)
- *Gain Flatness [dB] : +/- 1.5 (Max.)
- *Noise Figure [dB] : 5.5 (Max.), 5.0 (Typ.)
- *Manual Attenuation Range [dB] : 0-30 in 2dB steps
- *Output Power ALC Set [dBm] : Uplink : +27±1 : Downlink : +30±1
- *Output Composite Power [dBm] : Uplink : +27 (Typ.) : Downlink : +30 (Typ.)
- *3rd Order Output Intercept Point [dBm] @ 2 tones + 24 dBm each : Uplink : +48 (Typ.)
- *3rd Order Output Intercept Point [dBm] @ 2 tones + 27 dBm each : Downlink : +50 (Typ.)
- *Power Supply : 110V/0.47A to 220V/.23A (Autoranging) 50 to 60 Hz
- *Input/Output Impedance : 50 ohm
- *VSWR IN/OUT : <1.5:1 (Max.)
- *Propagation Delay [uSec] : <0.25
- *Net Weight : < 16 kg/35 lb
- *PAINT: FLAT EPOXY BROWN

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

NEMA 4 ENCLOSURE

DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		CONTRACT NO:		G-Wave Solutions	
ANGLES	DECIMALS	APPROVALS	DATE	TITLE 700/800 MHz BDA (LTE)	
± 1"	.XX ± .05 .XXX ± .01 .XXX ± .003	DRAWN Sivak	11/12	BDA-PS7W/PS8NEPS/N-27/30-80-C	
TREATMENT	CHECKED	DESIGN ACTIVITY		SIZE	CAGE CODE
FINISH	63	DESIGN ACTIVITY		DWG NO:	REV.
MATERIAL		DESIGN ACTIVITY		A	BDA-PS7W/PS8NEPS/N-27/30-80-C-1
				SCALE None	SHEET 1 OF 1

FCC: Q8KPS7W83790