

AVAILABLE OPTIONS	Description

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

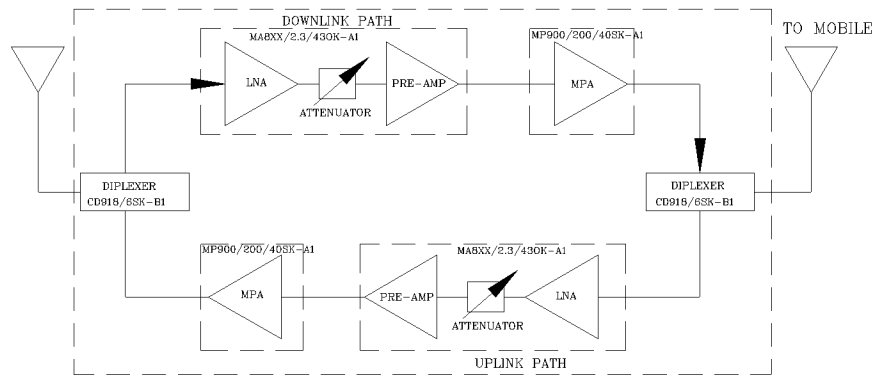
WARNING. This is NOT a CONSUMER device. It is designed for installation by FCC LICENSEES and QUALIFIED INSTALLERS. You MUST have an FCC LICENSE or express consent of an FCC Licensee to operate this device. Unauthorized use may result in significant forfeiture penalties, including penalties in excess of \$100,000 for each continuing violation.

SKU # 11602203

NEMA 4 ENCLOSURE

FCC ID Q8KPS93790C

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	Part Numbering System Changed	12/12	G. David



Electrical Specifications
(Standard Unit)

- *Down-Link (Base to Mobile) Frequency Range [MHz] : 935-941
- *Up-Link (Mobile to Base) Frequency Range [MHz] : 896-902
- *Selectivity @ +/- 4 MHz from Passband [dBc] : 40 (Typ.)
- *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 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/0.45A to 220V/0.22A (Autoranging) 50 to 60 Hz
- *Propagation Delay [uSec] : <0.25
- *Input/Output Impedance : 50 ohm
- *VSWR IN/OUT : <1.5:1
- *Net Weight : < 16 kg/35 lb
- *PAINT: FLAT EPOXY BROWN

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

DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		CONTRACT NO:		G-Wave Solutions	
ANGLES ± 1°	DECIMALS .XX ± .01 .XXX ± .003	APPROVALS	DATE		
TREATMENT	FINISH 63 ✓	DRAWN Sivak	09/10	900 MHz LMR BDA	REV. A
MATERIAL	DESIGN ACTIVITY	CHECKED		BDA-PS9-25/30-80-C	
SCALE None		SHEET 1 OF 1		DWG NO: BDA-PS9-25/30-80-C-1	