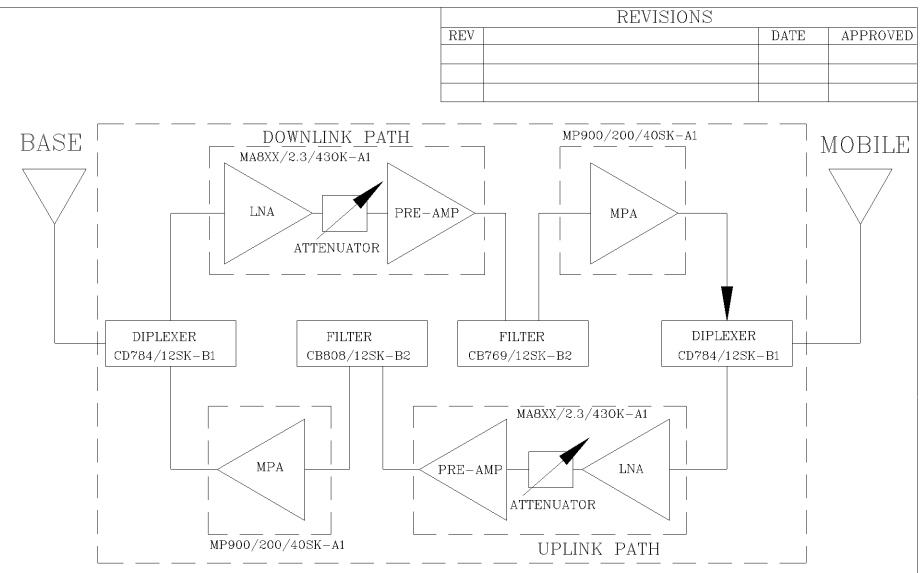


INCLUDED OPTIONS	Description
D	Cannon type Circular AC Connector (No AC/DC Protections)
VA	Local Visual Alarms

**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 # 11602145**



### Electrical Specifications

- \*Down-Link (Base to Mobile) Frequency Range [MHz] : 763 - 775
- \*Up-Link (Mobile to Base) Frequency Range [MHz] : 793 - 805
- \*Selectivity @ +/- 2 MHz from Passband [dBc] : 25 (Min.)
- @ +/- 4 MHz from Passband [dBc] : 60 (Typ.)
- \*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.)
  - Uplink : +45 (Typ.)
  - Downlink : +45 (Typ.)
- \*3rd Order Output Intercept Point [dBm]
  - @ 2 tones + 22 dBm each
  - Uplink : +45 (Typ.)
  - Downlink : +45 (Typ.)
- \*3rd Order Output Intercept Point [dBm]
  - @ 2 tones + 22 dBm each
  - Downlink : +45 (Typ.)
- \*Power Supply : 110V/0.37A to 220V/0.19A (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

**NEMA 4 ENCLOSURE**

DIMENSIONS ARE IN INCHES; TOLERANCES ARE		CONTRACT NO:		<b>G-Wave Solutions</b>	
ANGLES ± 1°	DECIMALS X ± .05 XX ± .01 XXX ± .003	APPROVALS	DATE		
TREATMENT	FINISH 63	DRAWN Sivak	10/16	Indoor BDA 700 MHz LMR	
MATERIAL		CHECKED		BDA-PS7-25/25-80-C	
		ENG.		SIZE A	CAGE CODE
		DESIGN ACTIVITY		DWG NO.	BDA-PS7-25/25-80-C-1
				REV. 0	
				SCALE None	SHEET 1 OF 1

FCC ID: Q8KPS7W3790C