

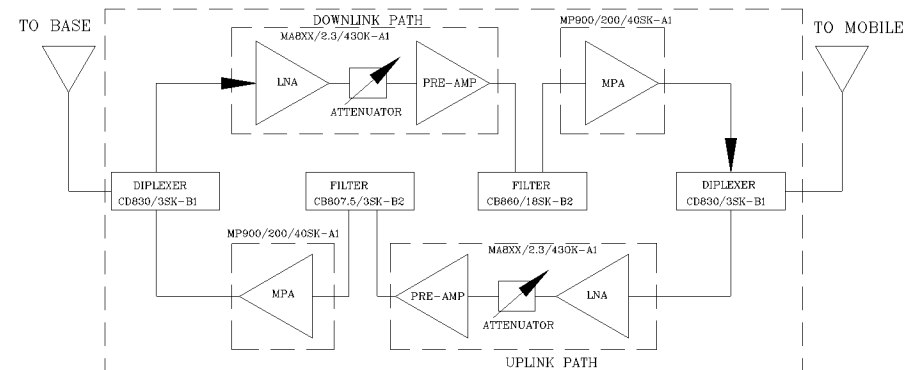
WARNING: This is NOT a CONSUMER device. It is designed for installation by FCC LICENSEES and QUALIFIED INSTALLERS. You MUST have an FCC LICENSE or express consent of an FCC Licensee to operate this device. Unauthorized use may result in significant forfeiture penalties, including penalties in excess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

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

SKU # 11602202

AVAILABLE OPTIONS	Description

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	Part Numbering System Changed	11/12	G. David



Electrical Specifications

- *Down-Link (Base to Mobile) Frequency Range [MHz] : 851 - 854
- *Up-Link (Mobile to Base) Frequency Range [MHz] : 806 - 809
- *Selectivity @ +/- 2 MHz from Passband [dBc] : 40 (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 : +30±1
- *Output Composite Power [dBm]
 - Uplink : +25 (Typ.)
 - Downlink : +30 (Typ.)
 - Uplink : +45 (Typ.)
 - Downlink : +50 (Typ.)
- *3rd Order Output Intercept Point [dBm]
 - @ 2 tones + 22 dBm each
 - @ 2 tones + 27 dBm each
- *Power Supply : 110V/0.45A to 220V/.22A (Autoranging) 50 to 60 Hz
- *Propagation Delay [uSec] : <0.3
- *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

NEMA 4 ENCLOSURE

DIMENSIONS ARE IN INCHES		CONTRACT NO:		G-Wave Solutions			
ANGLES ± 1°	DECIMALS .XX ± .01 .XXX ± .003	TOLERANCES ARE		APPROVALS	DATE	TITLE	REV.
TREATMENT				DRAWN Sivak	11/13	800 MHz BDA BDA-NPSPAC/N-25/30-80-C	A
FINISH 63		CHECKED		ENG.		SIZE A	CAGE CODE
MATERIAL		DESIGN ACTIVITY		DWG NO:		BDA-NPSPAC/N-25/30-80-C-1	SHEET 1 OF 1
				SCALE None			

FCC ID: Q8KPS8N3790C