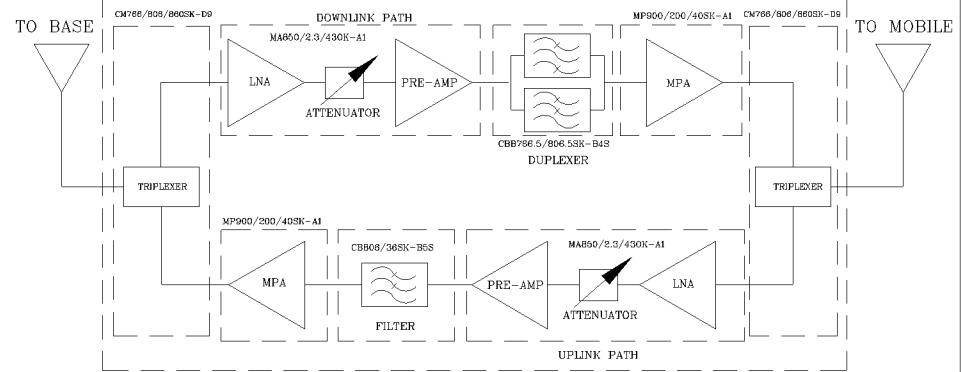


AVAILABLE OPTIONS	Description

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	Linearity and power upgraded (PS8-25/33)	11/12	G. David



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 (Typ.)
- *Noise Figure (System) [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 : +25±1
- *Output Composite Power [dBm]
 - Uplink : +25 (Typ.)
 - Downlink : +25 (Typ.)
- *3rd Order Output Intercept Point [dBm]
 - Uplink : +45 (Typ.)
 - Downlink : +45 (Typ.)
- *3rd Order Output Intercept Point [dBm]
 - Uplink : +45 (Typ.)
 - Downlink : +45 (Typ.)
- *Power Supply : 110V/0.37A to 220V/1.19A (Autoranging) 50 to 60 Hz
- *Propagation Delay [uSec] : <0.3
- *Input/Output Impedance : 50 ohm
- *VSWR IN/OUT : <1.5:1
- *Net Weight : < 18 kg/40 lb
- *PAINT: TEXTURED EPOXY BROWN

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 # 11602160

NEMA 4 ENCLOSURE

OPERATING TEMPERATURE RANGE: -30°C TO +55°C			
DIMENSIONS ARE IN INCHES. TOLERANCES ARE:		CONTRACT NO:	
ANGLES ± 1°	DECIMALS X ± .05 XX ± .01 XXX ± .003	APPROVALS	DATE
TREATMENT	FINISH 63 ✓	DRAWN Sivak	11/15
MATERIAL	DESIGN ACTIVITY	CHECKED	ENG.
TITLE Dual Band BDA 700/800 MHz		DWG NO:	
BDA-PS7W/PS8NEPS/N-25/25-80-C		SIZE A	CAGE CODE
BDA-PS7W/PS8NEPS/N-25/25-80-C-1		SCALE None	REV. A
SHEET 1 OF 1			

FCC ID: Q8KPS7W83790