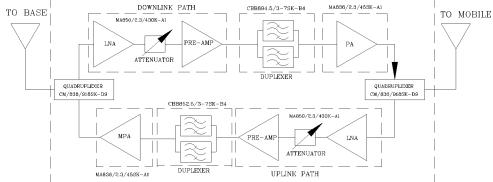


REVISIONS DATE APPROVED A Linearity and power upgraded (PS8-25/33) 11/12 G. David



Electrical Specifications

*Down-Link (Base to Mobile) Frequency Range [MHz] : 851 - 854

: 935 - 941

*Up-Link (Mobile to Base) Frequency Range [MHz] : 806 - 809 : 896 - 902

*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: $+27\pm1$ Downlink: +30±1

*Output Composite Power [dBm] Uplink : +27 (Typ.)

Downlink: +30 (Typ.) *3rd Order Output Intercept Point [dBm] Uplink : +48 (Typ.)

@ 2 tones + 24 dBm each

*3rd Order Output Intercept Point [dBm] Downlink: +50 (Typ.)

@ 2 tones + 27 dBm each

*Power Supply : 110V/0.47A to 220V/.23A (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: FLAT EPOXY BROWN

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

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.

WARNING. This is NOT a CONSUMER

SKU # 11602247

WITHOUT INCLUSION OF ACSP

OPTION, THIS UNIT MAY NOT

BE POWERED BY A GENERATOR.

NEMA 4 ENCLOSURE		ARE IN INCHES.	CONTRACT NO:		G-Wave Solutions						
	± 1° .X ± .05 XX + .01	APPROVALS	DATE	TITLE	800/9	00 MI	Hz BDA				
	XXX ± .003 TREATMENT		DRAWN Sivak CHECKED	06/14	I	BDA-NPSPAC/N/PS9-27/30-80-C					
	FINISH	63/	ENG. DESIGN ACTIVITY		SIZE	CAGE CODE	DWG NO: REV. BDA-NPSPAC/N/PS9-27/30-80-C-1 A				
FCC ID: Q8KESMR2W80AN89R	MATERIAL		DESIGN ACTIVITY		SCALE	None	DDA IN S	1.110/1	.,	SHEET 1	of 1