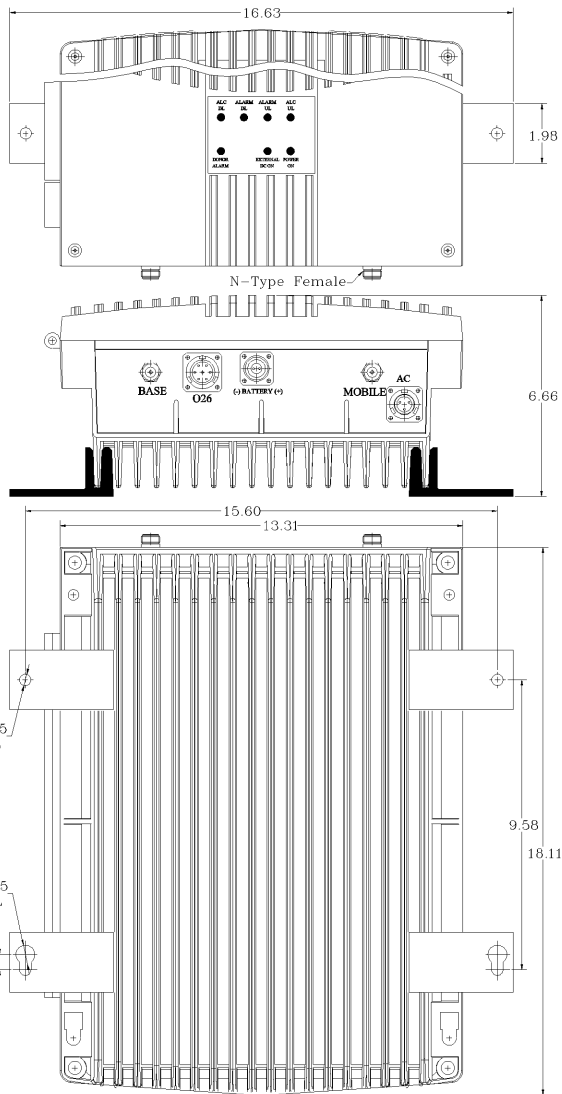
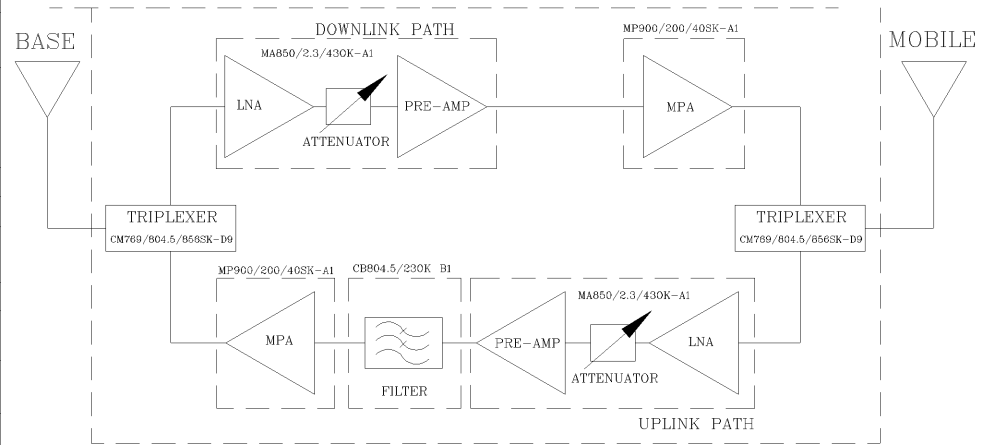


REVISIONS

REV	DATE	APPROVED



INCLUDED OPTIONS	Description
O26	Standard NFPA Compliant Remote Monitoring via 26-Pin Connector
S1	External +24 to +26.5 VDC Back Up
RED	RED Enclosure
D	Cannon type Circular AC Connector (No AC/DC Protections)
VA	Local Visual Alarms

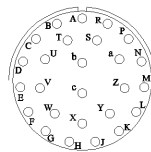


Electrical Specifications

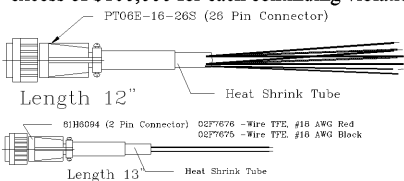
- *Down-Link (Base to Mobile) Frequency Range [MHz] : 763 - 775 / 851 - 861
- *Up-Link (Mobile to Base) Frequency Range [MHz] : 793 - 816
- *Gain (Minimum attenuation) [dB] : 80 (Min.), 85 (Typ.)
- *Gain Flatness [dB] : +/- 1.5 (Typ.)
- *Noise Figure (System) [dB] : 5.0 (Max.), 4.5 (Typ.)
- *Manual Attenuation Range [dB] : 0 - 30 in 2-dB steps
- *Output Power ALC Set [dBm]
 - Uplink : +27 ±1
 - Downlink : +30 ±1
- *Output Composite Power [dBm]
 - Uplink : +27 (Typ.)
 - Downlink : +30 (Typ.)
 - Uplink : +48 (Typ.)
 - Downlink : +50 (Typ.)
- *3rd Order Output Intercept Point [dBm] @ 2 tones + 24 dBm each
- *3rd Order Output Intercept Point [dBm] @ 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 (Estimated) : < 16 kg/35 lb
- *PAINT: FLAT EPOXY RED

PIN #	DESCRIPTION
A	1-NO DL/UL Current Alarm
B	1-COM DL/UL Current Alarm
C	1-NC DL/UL Current Alarm
D	2-NO Donor Antenna Alarm
E	2-COM Donor Antenna Alarm
F	2-NC Donor Antenna Alarm
G	3-NO DC Backup Alarm
H	3-COM DC Backup Alarm
J	3-NC DC Backup Alarm
K	
L	
M	
N	GND
P	GND
R	+12 VDC 200mA
S	+12 VDC 200mA (STNB)

PIN OUT NFPA O26



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 # 11602092

DC Current Draw @ +24VDC: 1.72A

NEMA 4 ENCLOSURE

DIMENSIONS ARE IN INCHES. TOLERANCES ARE ANGLES DECIMALS ± 1" .XX ± .01 .XXX ± .003		CONTRACT NO:		G-Wave Solutions	
TREATMENT	FINISH	APPROVALS	DATE	TITLE	NFPA 700/800 MHz BDA
		DRAWN	Sivak	10/16	BDA-PS7/PS8NEPS-27/30-80-C
		CHECKED		SIZE	CAGE CODE
		ENG. DESIGN ACTIVITY		DWG NO:	BDA-PS7/PS8NEPS-27/30-80-C-1
				SCALE	None
				SHEET	1 OF 1

FCC ID: Q8KPS7W83790

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