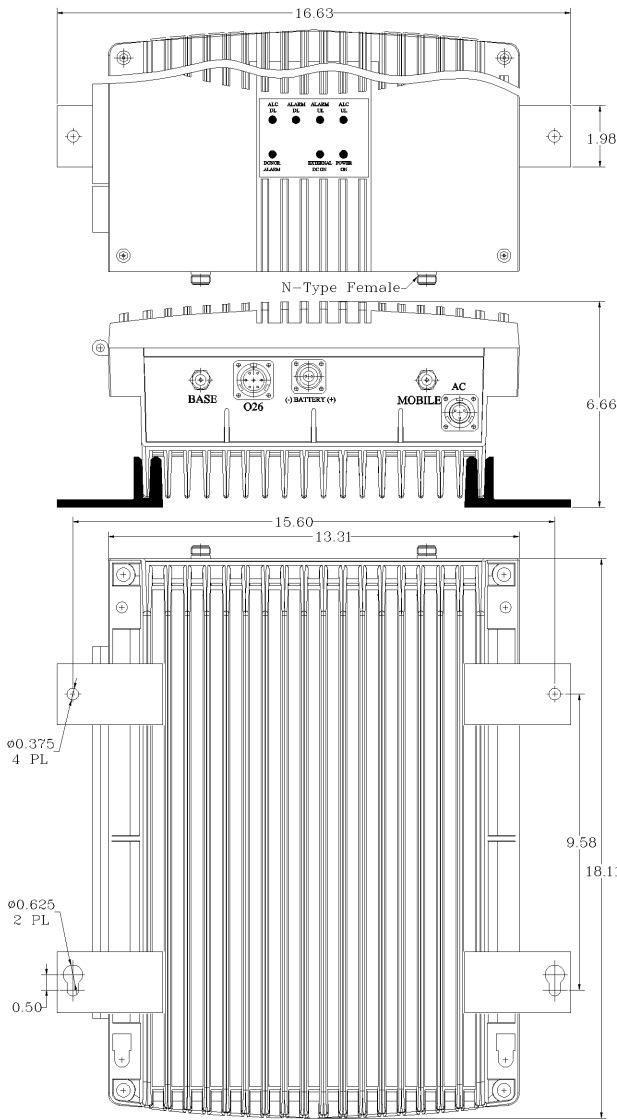


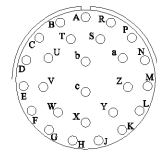
REVISIONS

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



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 AC Connector (No AC/DC Protections)

PIN OUT NFPA O26



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)

**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.

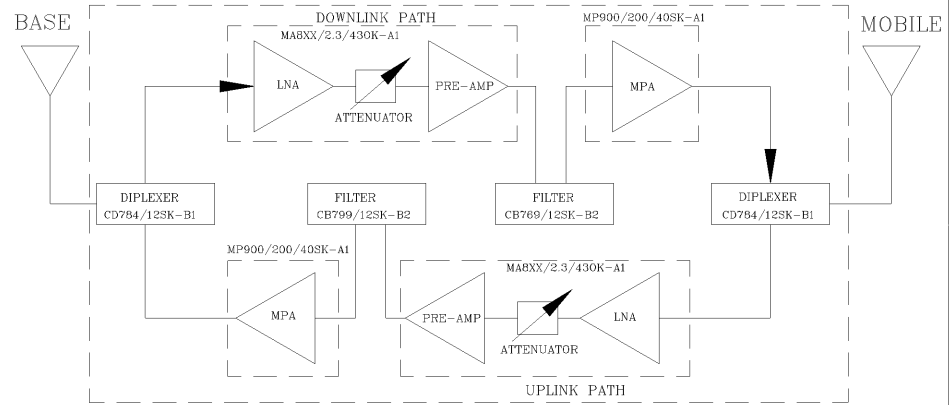
*WITHOUT INCLUSION OF ACSP OPTION, THIS UNIT MAY NOT BE POWERED BY A GENERATOR.*

SKU # 11602192

DC Current Draw @ +24VDC: 1.64A

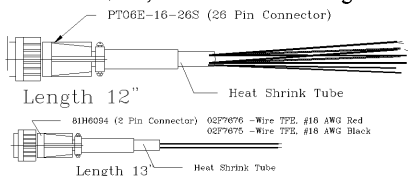
NEMA 4 RATED ENCLOSURE

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



Electrical Specifications

- \*Down-Link (Base to Mobile) Frequency Range [MHz] : 763-775
- \*Up-Link (Mobile to Base) Frequency Range [MHz] : 793-805
- \*Selectivity @ +/- 4 MHz from Passband [dBc] : 40 (Typ.)
- \*Gain (Minimum attenuation) [dB] : 80 (Min.), 85 (Typ.)
- \*Gain Flatness [dB] : +/- 1.5 (Max.)
- \*Noise Figure [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 : +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
- \*3rd Order Output Intercept Point [dBm] @ 2 tones + 27 dBm each
- \*Power Supply : 110V/0.45A to 220V/.22A (Autoranging) 50 to 60 Hz
- \*Propagation Delay [uSec] : <0.25
- \*Input/Output Impedance : 50 ohm
- \*VSWR IN/OUT : <1.5:1
- \*Net Weight : < 16 kg/35 lb
- \*PAINT: FLAT EPOXY RED



DIMENSIONS ARE IN INCHES; TOLERANCES ARE		CONTRACT NO:		G-Wave Solutions	
ANGLES ± 1°	DECIMALS X ± .05 XX ± .01 XXX ± .005	APPROVALS	DATE	TITLE	NFPA 700 MHz BDA
TREATMENT		DRAWN	Sivak	10/16	BDA-PS7-25/30-80-C
FINISH	63	CHECKED		SIZE	CAGE CODE
MATERIAL		DESIGN ACTIVITY		A	BDA-PS7-25/30-80-C-1
				SCALE	None
					SHEET 1 OF 1

FCC ID: Q8KPS7W3790C