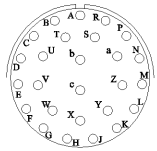


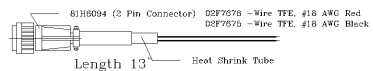
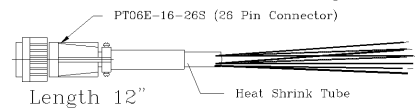
INCLUDED OPTIONS	Description
O26	Standard NFPA Compliant Remote Monitoring via 26-Pin Connector
S1	External +24 to +26.5 VDC Back Up
RED	RED Enclosure
D	Cannon type Circular AC Connector (No AC/DC Protections)
VA	Local Visual Alarms

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.

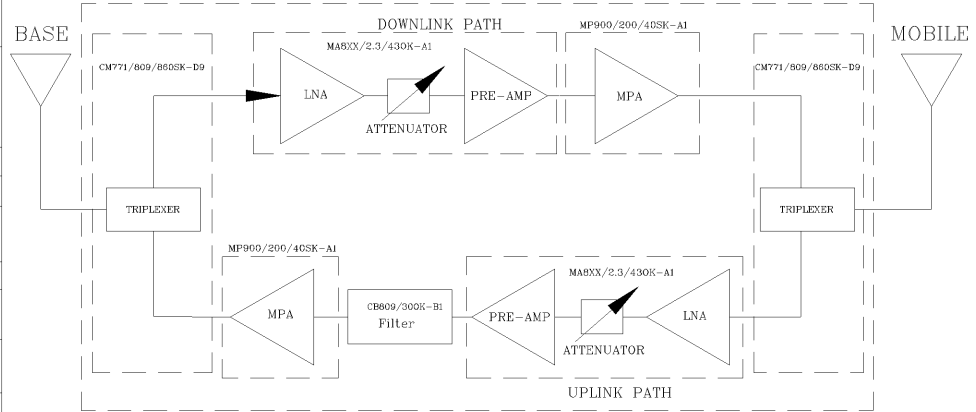
SKU # 11602063

DC Current Draw @ +24VDC: 1.36A

NEMA 4 ENCLOSURE

FCC ID: Q8KPS7W83790

REVISIONS			
REV		DATE	APPROVED



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 : +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/0.19A (Autoranging) 50 to 60 Hz
- *Propagation Delay [uSec] : < 0.3
- *Input/Output Impedance : 50 ohm
- *VSWR IN/OUT : < 1.5:1
- *Net Weight (Estimated) : < 18 kg/35.6 lb
- *PAINT: FLAT EPOXY RED

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

DIMENSIONS ARE IN INCHES; TOLERANCES ARE:		CONTRACT NO:		G-Wave Solutions			
ANGLES	DECIMALS	APPROVALS	DATE	TITLE NFPA Dual Band 700/800 MHz BDA			
± 1°	.XX ± .00	DRAWN Sivak	10/16	BDA-PS7/PS8NEPS-25/25-80-C			
	.XXX ± .000			SIZE	CAGE CODE	DWG NO:	REV.
TREATMENT		CHECKED		A		BDA-PS7/PS8NEPS-25/25-80-C-1	0
FINISH	63	ENG. DESIGN ACTIVITY		SCALE	None		SHEET 1 OF 1
MATERIAL							