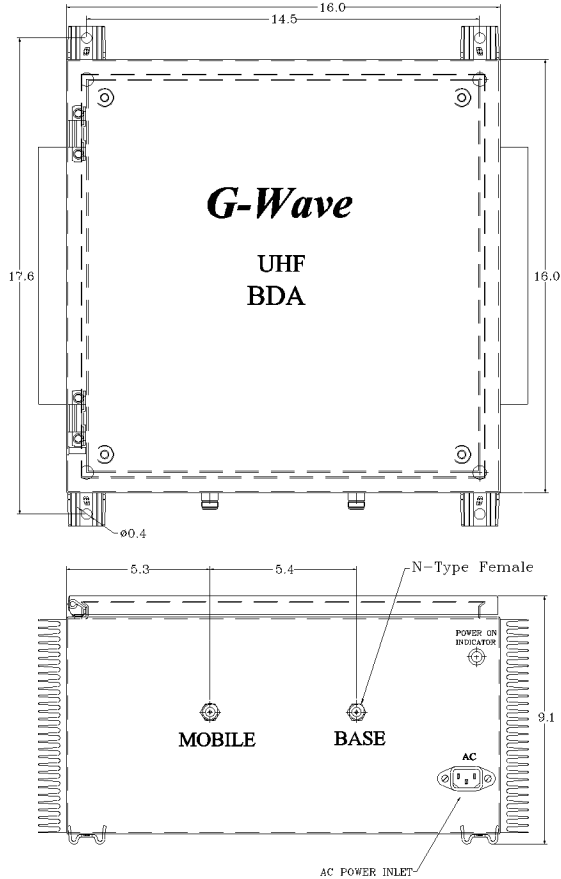


This is a Generic Specification provided for electric specification definition and is not available for purchase. Exact frequencies must be provided and a final specification generated prior to order. G-Wave BDAs are factory tuned.

** Dimensions subject to change upon final spec



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.

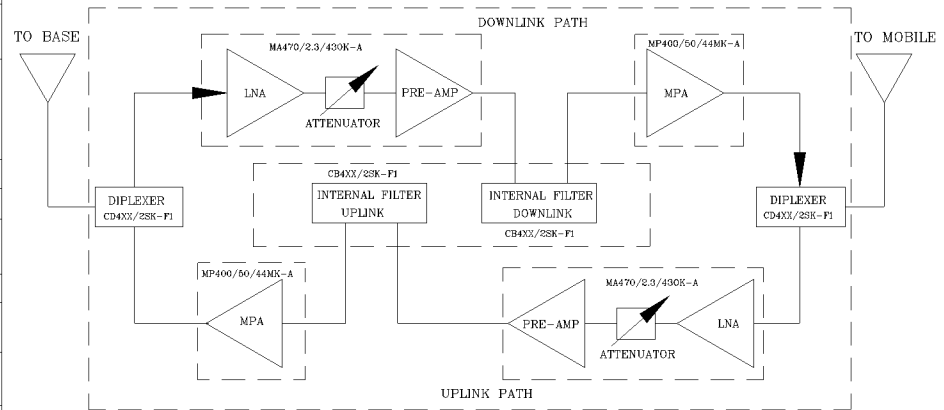
SKU # 13302626

AVAILABLE OPTIONS	Description

NEMA 4 ENCLOSURE

FCC ID Q8KUHF3680N

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	Part Numbering System Changed	11/12	G. David



Electrical Specifications

- *Down-Link (Base to Mobile) Frequency Range [MHz] : 380 - 512
- *Up-Link (Mobile to Base) Frequency Range [MHz] : 380 - 512
- *Frequency of Operation Bandwidth [MHz] : 1
- *Minimum Passband Separation [MHz] : 3
- *Gain (Minimum attenuation) [dB] : 70 (Min.), 75 (Typ.)
- *Gain Flatness [dB] : +/- 2.0 (Typ.)
- *Noise Figure (System) [dB] : 6.0 (Max.), 5.5 (Typ.)
- *Manual Attenuation Range [dB] : 0 - 30 in 2-dB steps
- *Output Power ALC Set [dBm]
 - Uplink : +31±1
 - Downlink : +36±1
- *Output Composite Power [dBm]
 - Uplink : +31 (Typ.)
 - Downlink : +36 (Typ.)
 - Uplink : +50 (Typ.)
- *3rd Order Output Intercept Point [dBm]
 - @ 2 tones + 28 dBm each
 - Downlink : +57 (Typ.)
- *3rd Order Output Intercept Point [dBm]
 - @ 2 tones + 33 dBm each
- *Power Supply : 110V/0.67A to 220V/0.33A (Autoranging) 50 to 60 Hz
- *Propagation Delay [uSec] : <0.3
- *Input/Output Impedance : 50 ohm
- *VSWR IN/OUT : <1.5:1
- *Net Weight : < TBD
- *PAINT: FLAT EPOXY GRAY

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

DIMENSIONS ARE IN INCHES TOLERANCES ARE		CONTRACT NO:		G-Wave Solutions			
ANGLES	DECIMALS	APPROVALS	DATE	TITLE			
± 1"	.X ± .05 .XX ± .01 .XXX ± .005	DRAWN Sivak	07/12	UHF BDA			
TREATMENT	CHECKED			BDA-UHF/1-31/36-70-N			
FINISH 63	ENG. DESIGN ACTIVITY	SIZE A	CAGE CODE	DWG NO: BDA-UHF/1-31/36-70-N-1	REV. A		
MATERIAL		SCALE None		SHEET 1	OF 1		