

# Ku-Band 4W Block Up Converters



## Applications

- High power BUCs for VSAT
- SatCom Applications

## Features

- 4W (36dBm min.) Output Power
- 15~24VDC
- DC Power 35W max.
- RoHS compliant
- 2 Years Warranty

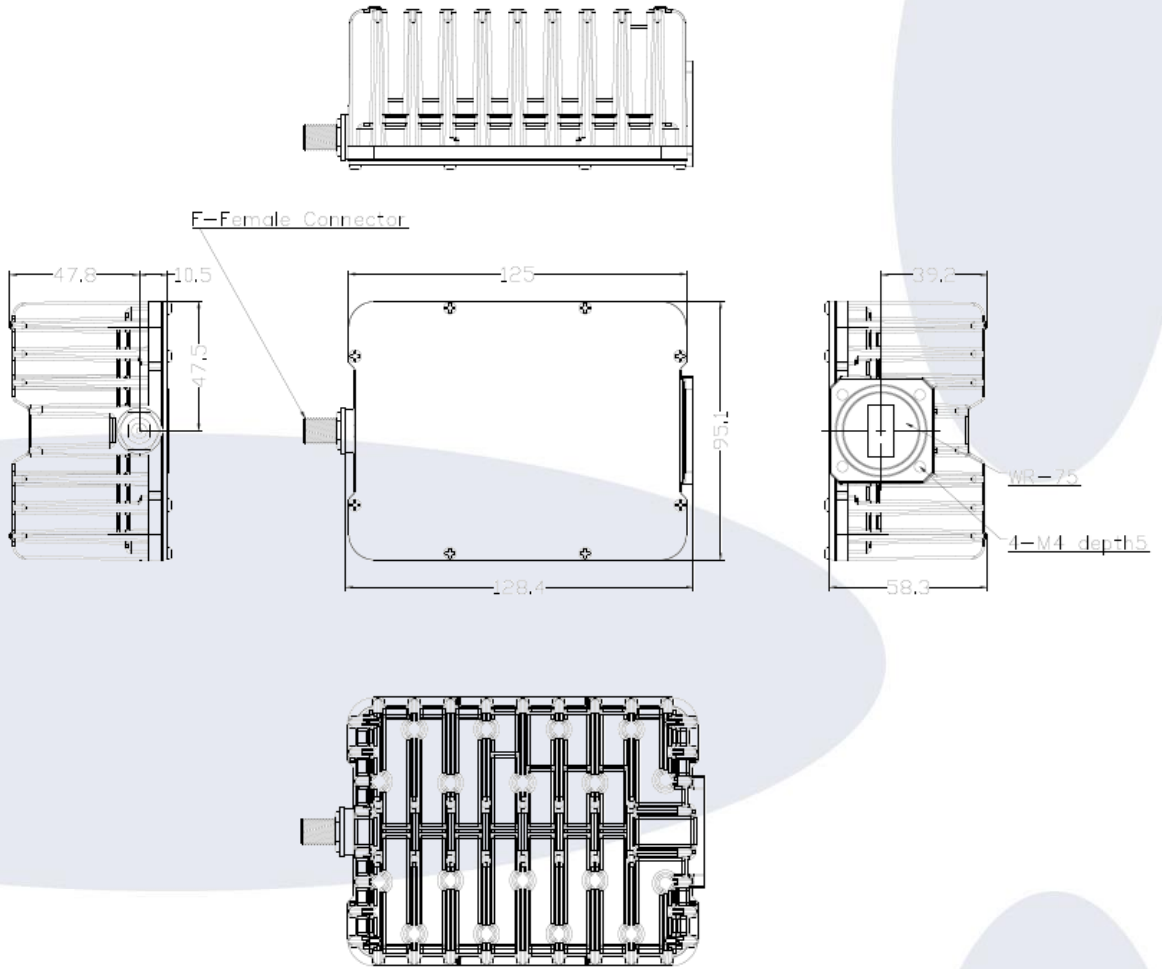
## Specification

Model Number	GMU140145B06	GMU137145B06
RF Frequency	14.00~14.50GHz	13.75~14.50GHz
IF Frequency	950~1450MHz	950~1700MHz
LO Frequency	13.05GHz	12.80GHz
Output P1dB	4W min. (36dBm)	
IMD with 2-tones	-25dBc at 3dB back-off from P-1dB	
Linear Gain	58dB typ.	
Gain Flatness	± 0.75 dB max. @ any 54 MHz, ± 2.0 dB max. @ over 500MHz	
Gain Variation	Over Whole Frequency : 4dB Over Operation Temperature : 4dB	
Spurious		
In-band	-60 dBc	
Out-of-band	-50 dBc	
VSWR	2:1	
External Ref.	Input Frequency: 10MHz Input Power: -5~+5 dBm @ Input Power	
Phase Noise (SSB)	-65dBc/Hz typ. @ 100Hz offset -75 dBc/Hz typ. @ 1KHz offset -85 dBc/Hz max. @ 10KHz offset -95 dBc/Hz max. @ 100KHz offset	
DC Power	15~24 VDC, 35W max.	
Physical Interface		
RF	WR-75G (RF Output) / F-type or N-type (IF Input)	
DC	Via IF Cable	
Dimension	128.4 x 95.1 x 58.3 mm	
Weight	0.7 kg	
Temperature Range	Operation : -40°C to +55°C	
Humidity	Up to 100%	

The specification subject to change without notice.

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## Mechanical Outline



The specification subject to change without notice.