

# C-Band 5W/2W BUC (Block Up Converter)



## Applications

- High power BUCs for VSAT
- SatCom Applications

## Features

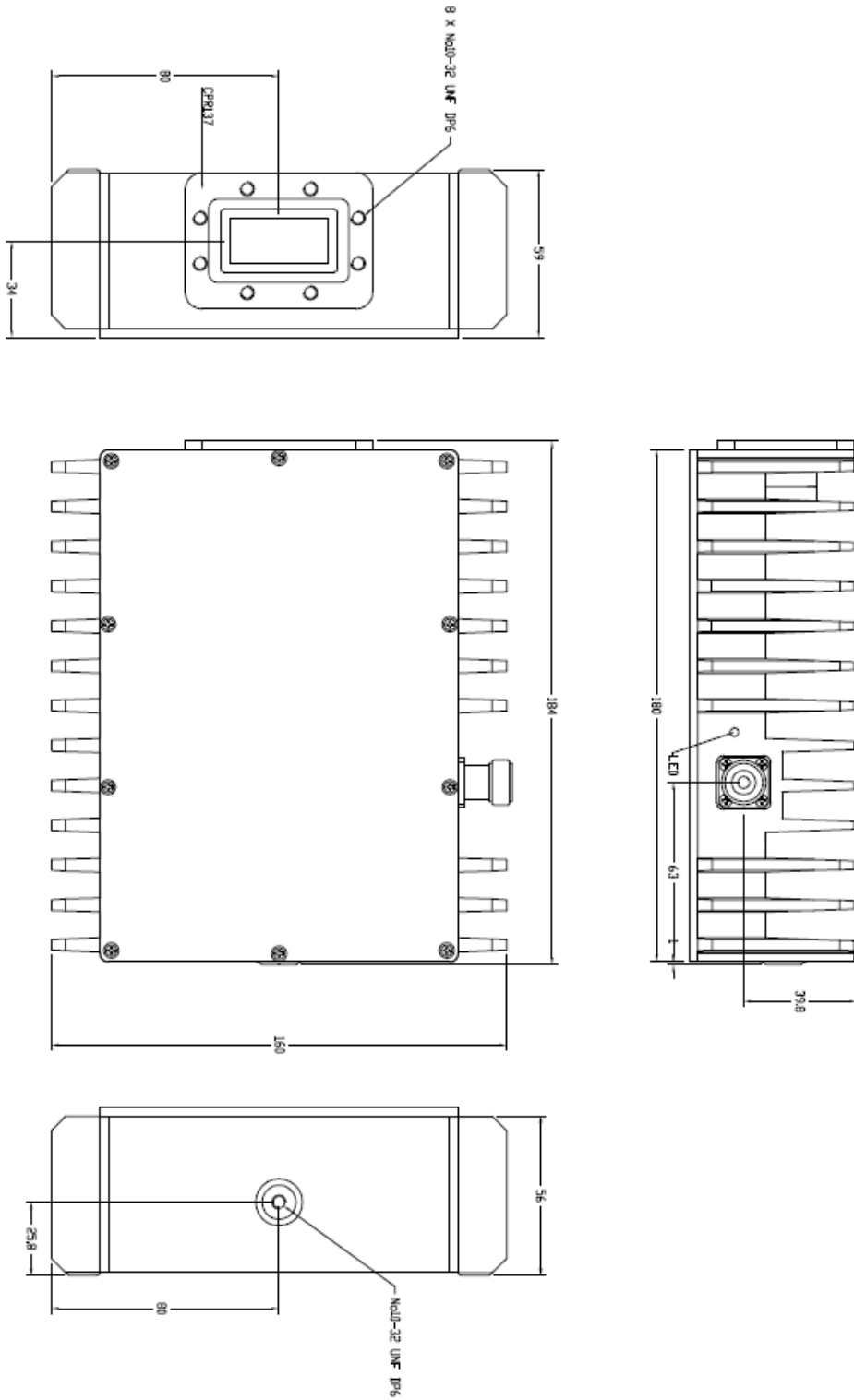
- Compact Size and Light Weight
- Non-Inverter Type
- Various Options for Interface
- LED Indicator

## Specification

<b>Model Number</b>	<b>GMU058066B01 / GMU058066B02</b> <b>C-Band 5W / C-band 2W</b>
RF Frequency	5.85 to 6.65 GHz
IF Frequency	950 to 1750 MHz
LO	4.9 GHz
Tx rated power (P1dB)	5W (37dBm) / 2W (33dBm)
Gain & Gain Variation	57dB typ. $\pm$ 2 dB / 53dB typ. $\pm$ 2 dB
Gain Flatness	$\pm$ 1.0 dB max. @ any 40 MHz
	$\pm$ 2.0 dB max. @ over full band
Input / Output VSWR	2:1
External Ref. (10MHz)	-5 to +5 dBm -120 dBc/Hz max. @ 100 Hz -130 dBc/Hz max. @ 1kHz -140 dBc/Hz max. @ 10kHz -150 dBc/Hz max. @100kHz
Phase Noise (SSB)	-60 dBc/Hz @ 100Hz -70 dBc/Hz @ 1KHz -80dBc/Hz @ 10KHz -90 dBc/Hz @ 100KHz
Receive Band Noise Density	-87dBm/4kHz max.
In-band Spurious	-50dBc min.
TX Shutdown	When PLL unlocked and/or Over Temperature (>+85°C)
LED Indicator	GREEN: LO locked, RED: LO unlocked and/or Over temperature (>+85°C)
DC Power	15 to 24V, 48W max. / 15 to 24V, 32W max
Physical Interface	CPR-137G(RF Output), N-female(RF Input)/F-female(option)
Dimension	184(L) X 160(W) X 59(H) mm
Weight	1.94 Kg max.
Temperature Range	Operation : -40°C to +55°C
	Storage : -45°C to +80°C

The specification subject to change without notice.

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