

C-Band 5W 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

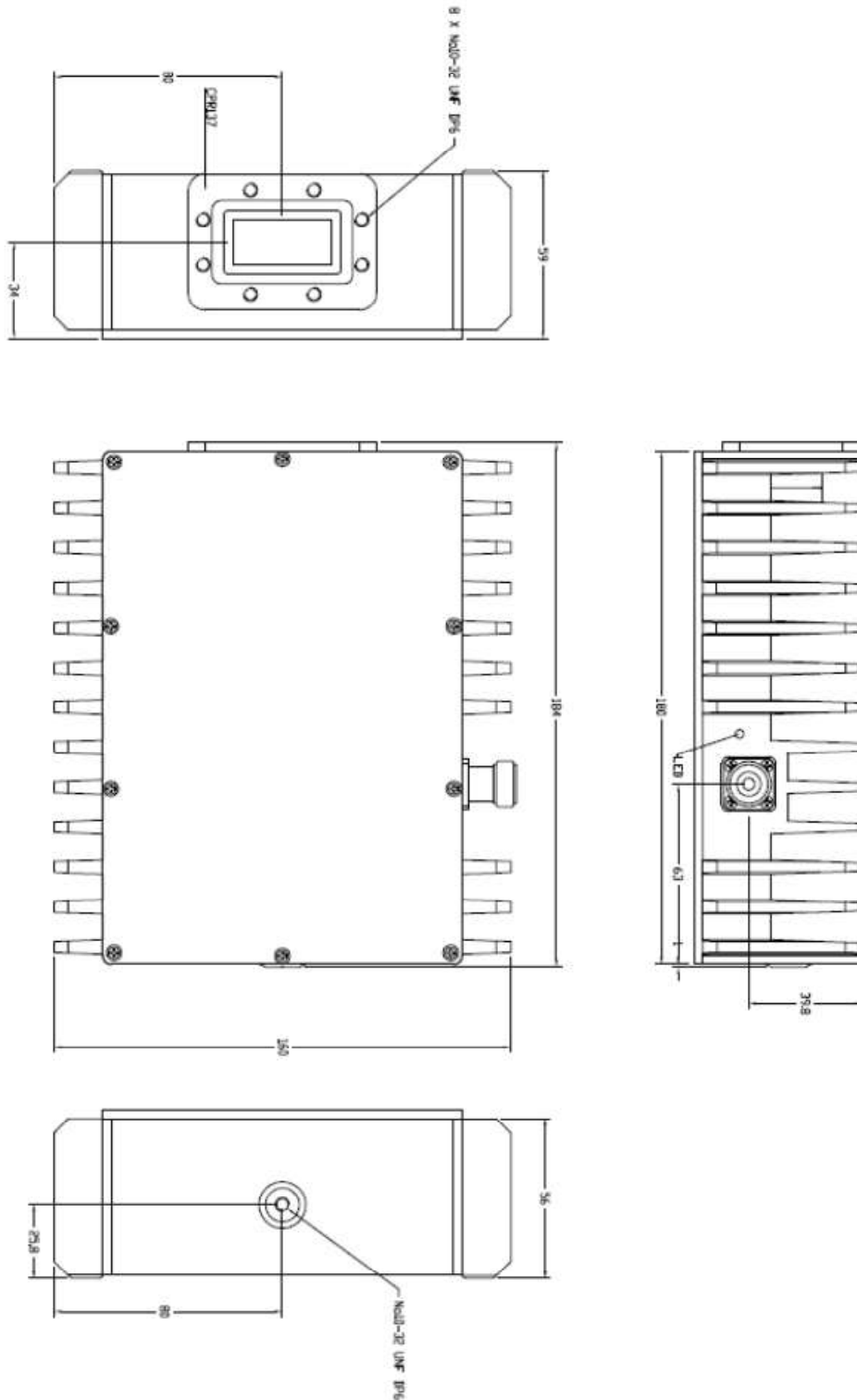
Frequency Band	C-Band 5W / GMU058066B01
RF Frequency	5.85 to 6.65 GHz
IF Frequency	950 to 1750 MHz
LO	4.9 GHz
Tx rated power (P1dB)	5W (37 dBm)
Gain & Gain Variation	57dB \pm 2 dB (over temp)
Gain Flatness	\pm 1.0 dB max. @ any 40 MHz
	\pm 2.0 dB max. @ over full band
Input / Output VSWR	2:1
External 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 , 47W 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	2.0 Kg max.
Temperature Range	Operation : -33°C to +55°C
	Storage : -45°C to +80°C

The specification subject to change without notice.



For the customized specification, price, and delivery ; Contact us
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