



# C-Band 5W BUC

# C\_BUC5W



### Features

- Input Frequency Range 950 ~ 1.750MHz
- Output Frequency Range 5.85 ~ 6.65GHz
- High Efficiency Output Power(P1dB) 5W(+37dBm min.)
- Small Size & Light Weight
- LED Indicator

### Applications

- Satellite receivers

### Specifications

	Parameter	Specifications
1	Input Freq.	950 ~ 1,750MHz
2	Output Freq.	5.85 ~ 6.65GHz
3	LO Freq.	4.9GHz
4	TX rated power (P1dB)	5W(37dBm)
5	Receive Band Noise Density	-87dBm/4kHz max
6	LO Phase noise	-60dBc @100Hz -70dBc @1KHz -80dBc @10KHz -90dBc @100KHz
7	required Ext 10MHz ref	0dBm ±5dB -120dBc @100Hz -130dBc @1KHz -140dBc @10KHz -150dBc @10KHz
8	Input VSWR	2 : 1
9	Output VSWR	2 : 1
10	Gain	57dB <typ>
11	Gain Variation Over Temp.	4dB p-p over operating temperature
12	Gain Flatness	4dB p-p over full band
13	TX shut down	@ PLL unlock, Over temp 85°C
14	Spurious	-50dBc<min> In Band
15	DC power (2W model)	15~24V / 48W<Max>
16	Input connector	N-female, F-female
17	Output interface	CPR-137G
18	LED Indicator	GREEN : LO locked RED : LO unlocked, Over temp 85°C
19	Operating Temp.	-40°C ~ +55°C
20	Dimension(L x W x H)	184mm x 160mm x 59mm
21	Weight	1.94kg