



C-Band 2W BUC

C_BUC2W



Features

- Input Frequency Range 950 ~ 1.750MHz
- Output Frequency Range 5.85 ~ 6.65GHz
- High Efficiency Output Power(P1dB) 2W(+33dBm 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)	2W(33dBm)
5	TX input power @rated power	-20dBm <typ>
6	LO Phase noise	-60dBc @100Hz -70dBc @1KHz -80dBc @10KHz -90dBc @100KHz
7	required Ext 10MHz ref	0dBm ±5dB -135dBc @100Hz -140dBc @1KHz -143dBc @10KHz
8	Input VSWR	2 : 1
9	Output VSWR	2 : 1
10	Gain	53dB <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 / 32W<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