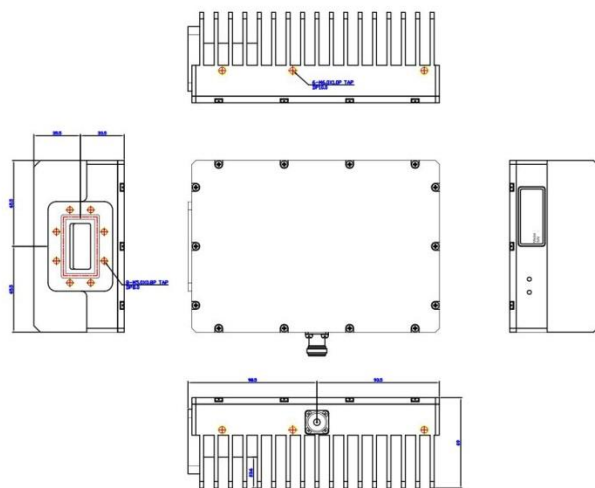


C-band 10W BUC



Item	Specification	
Basic Specification		
RF Frequency Range	5.85 ~ 6.425 GHz (Standard) 5.85 ~ 6.725GHz (Extended)	
IF Frequency Range	950 ~ 1525 MHz (Standard) 950 ~ 1825 MHz (Extended)	
LO Frequency	4.9 GHz	
P1dB min	40 dBm	
Electrical Specification		
Input/Output VSWR	2:1	
Gain nom.	63 dB typ.	
Gain Flatness	± 1.3 dB max. @ room temp over any 40 MHz ± 2.5 dB max. @ room temp over full band	
IMD3	-26 dBc min. @ 37.8 dBm Output Power	
Spurious	-55 dBc @ 40 dBm	
Harmonics	-50 dBc max. @ 40 dBm	
Reference Signal	External 10MHz Power Level : -5 ~ +5 dBm Phase Noise : -125 dBc/Hz max. @ 100 Hz -135 dBc/Hz max. @ 1kHz -140 dBc/Hz max. @ 10kHz	
LO Phase Noise	100Hz	-60 dBc/Hz
	1kHz	-70 dBc/Hz
	10kHz	-80 dBc/Hz
	100kHz	-90 dBc/Hz
	1 MHz	-100 dBc/Hz

Item	Specification
Power Consumption	68W
Power Requirements	24/48 VDC (+18 ~ +60 VDC)
Mechanical Specification	
Size (L x W x H mm)	192(L) X 131(W) X 64(H) mm
Weigh	2.4 Kg Typ.
Input Connector	Type N (female) or Type F (female)
Output Connector	WG-137 (with Groove)
Cooling	No cooling fan
Environmental Specification	
Operating Temperature	-30°C to +55°C
Storage Temperature	-40°C to +75°C



Line-Up

Model No.	RF Freq. (GHz)	LO Freq. (GHz)	IF Freq. (GHz)	Connector
PTBC10F-01	5.85~ 6.425	4.9	0.95~ 1.525	F-Type
PTBC10N-01				N-Type
PTBD10F-01	5.85~ 6.725	4.9	0.95~ 1.825	F-Type
PTBD10N-01				N-Type