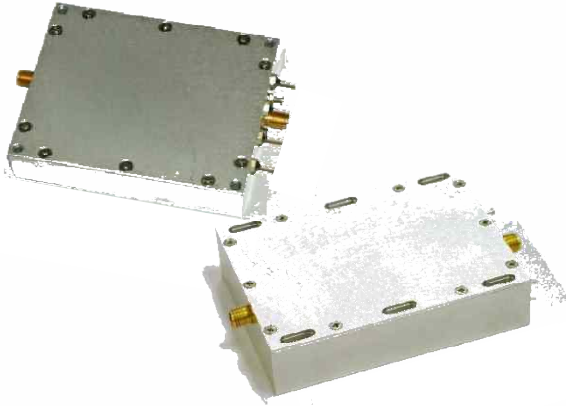


# X-Band 8W BUC with SSPA



## Applications

- High Power BUC plus SSPA for VSAT
- SatCom Applications

## Features

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

## Specification

RF Frequency	7.9 ~ 8.4 GHz
IF Frequency	950 ~ 1450 MHz
Output P1dB	39 dBm
Gain & Gain Variation	50dB $\pm$ 2 dB (over temp)
Gain Flatness	$\pm$ 1.0 dB max. @ any 40 MHz
	$\pm$ 2.0 dB max. @ over full band
External Ref. (10MHz)	-10~+5 dBm
	-125 dBc/Hz max. @ 100 Hz
	-135 dBc/Hz max. @ 1kHz
	-140 dBc/Hz max. @ 10kHz
Phase Noise (SSB)	-66 dBc/Hz @ 100Hz
	-76 dBc/Hz @ 1KHz
	-86 dBc/Hz @ 10KHz
	-96 dBc/Hz @ 100KHz
DC Power	5A , 12V
M&C (Optional)	30dB Gain Control, Power Detection, Mute, Temperature monitor
Dimension (BUC + SSPA)	185(L) X 63.5(W) X 30.5(H) mm
	7.3(L) X 2.5(W) X 1.2(H) Inch
Weight	1 Kg
Temperature Range	Operation : -30°C to +55°C
	Storage : -40°C to +80°C

The specification subject to change without notice.



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

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