

Ku-Band 6/8/10W SSPA



Applications

- High power SSPAs for VSAT
- SatCom Applications

Features

- 38/39/40dBm min. Output Power
- Based on GaN Technology
- Very Low Power Consumption (40W max.)
- Small Size & Light Weight
- Wide DC Input Range 15~60VDC (Optional)

Model	KMA140145B05	KMA137145B07
Output Frequency (Via WR-75)	14.0~14.5GHz	13.75~14.5GHz
Input Frequency (Via N-female)	14.0~14.5GHz	13.75~14.5GHz
Output Power	38 / 39 / 40dBm min.	
Gain	40dB min.	
Gain Variation over Frequency	2 dBp-p max. @ any 54 MHz 4 dBp-p max. @ over full bandwidth	
Gain Variation over Temperature	4 dBp-p max.	
IMD3	-26dBc max. @3dB total power back off from rated output power	
Spurious		
In Band	-60 dBc	
Out of Band	-50 dBc	
Input / Output VSWR	2 : 1 max.	
DC Power (Via MS 3pins connector)	36~70VDC, 40W max. 15~24VDC (option)	
Dimension (DC model)	150x130x55 mm max.	
Weight	1.4kg max.	
Temperature Range	Operation : -40°C to +55°C	
	Storage : -40°C to +75°C	

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Mechanical Outline

