

X-Band 50W SSPA



Applications

- High power SSPA for VSAT
- SatCom Applications

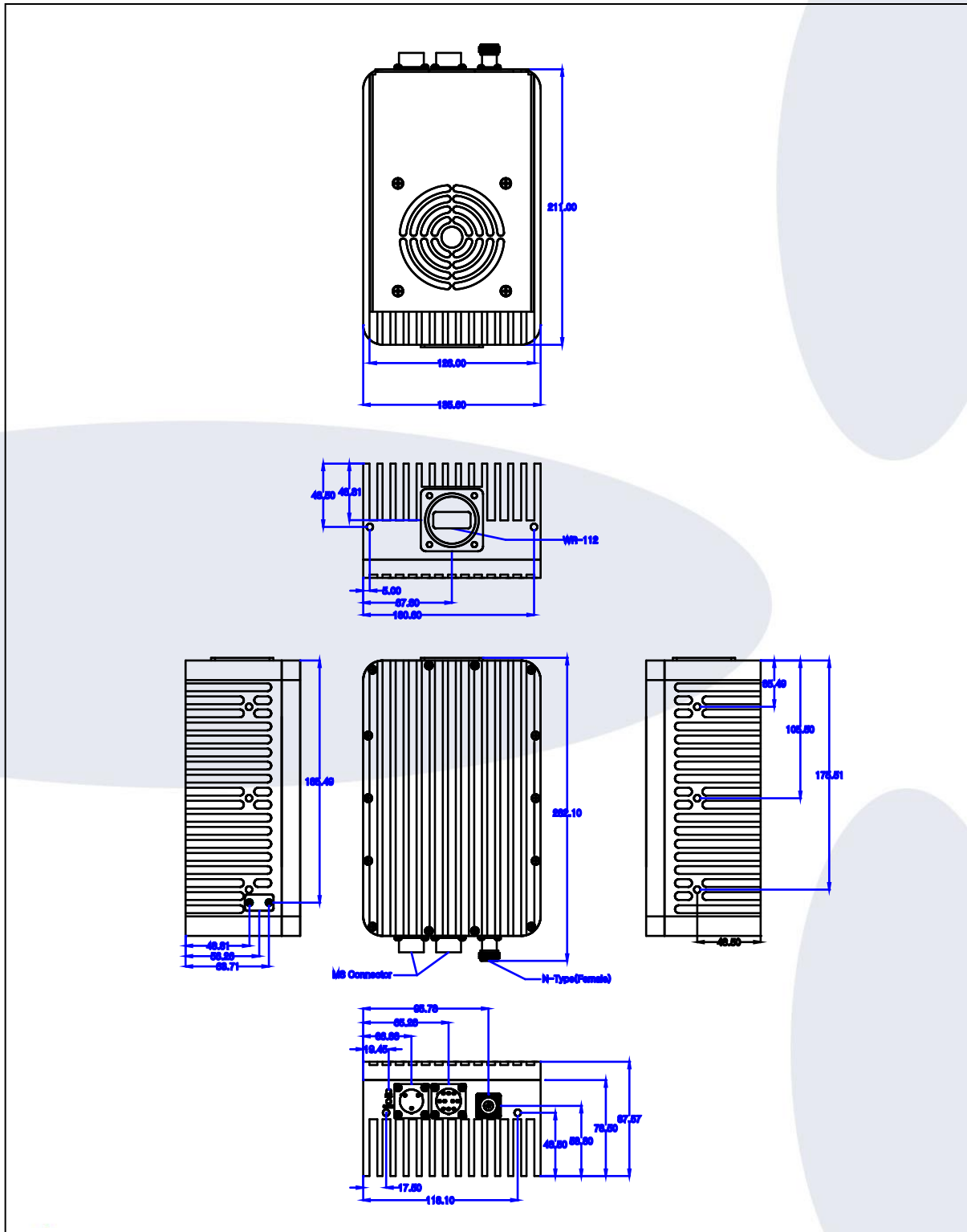
Features

- 47dBm min. Output Power
- Based on GaN Technology
- Very Low Power Consumption
- Small Size & Light Weight
- DC Input Range 36~70VDC (Optional)
- M&C Function (Optional)

Model	GMA070075B01-50W
Output Frequency(Via WR-75)	7.0 ~ 7.5GHz
Input Frequency(Via N-Female)	7.0 ~7.5GHz
Output Power (min)	47dBm
Gain (min)	60dB
Gain Variation over Frequency	1 dBp-p max. @ any 54 MHz 2 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	+36~+70VDC
Power Consumption(max)	400W
M&C (Optional)	Monitor : Output power, Temperature
	Control : Mute
	Interface : RS-232/RS-422
Dimension (DC model)	233 x 140 x 88 mm (with cooling fan)
Weight	3.5kg max.
Temperature Range	Operation : -40 to +55°C
	Storage : -40°C to +75°C

The specification subject to change without notice.

Mechanical Outline (GMA070075B01-50W)



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