

1. Features

- ▶ Easy Installation.
- ▶ Built-in ALC
- ▶ Easy To use shut down Function

L BAND Pulse PA

Part No: RMA1059 60 60 AC01

Date: January 23, 2014

Revision No: 00

2. Electrical Specifications

Parameter	Specification	Remark
Frequency range	1059 MHz \pm 25 MHz	
Output power Pnom	1000 Watts (+60dBm) Pulse	
Duty cycle	30% max.	
Input level	< +10 dBm for Pnom	
Gain	\geq 60 dB	
Gain Flatness	\pm 0.5 dB	
Harmonics	< -60 dBc	
Non-harmonic spurious	< -60 dBc	
Input/output VSWR	1.5 : 1	
Class of operation	AB linear	
Rise time	200 nsecs max.	
Repetition rate	80 KHz	
Power supply voltage	90~264 VAC, 47~63 Hz	
Operating Temperature	0 $^{\circ}$ C ~ +50 $^{\circ}$ C	
Monitoring output	-45 dBc	15dB Coupling Value
Dimensions	482.6 * 177.8 * 560 mm	
Weight	18Kg	
Cooling	Forced-air System	
Switches	Mains on-off	

3. Alarm Specifications

Parameter	Shutdown	Auto recovery	Remarks
High Temp.	O	O	Alarm: Over 85 $^{\circ}$ C. Shutdown: Over 90 $^{\circ}$ C. Auto Recovery: Temp Det. by amp body under 70 $^{\circ}$ C.
Over PWR	O	X	
VSWR	O	X	

4. Environmental Specifications

Parameter	Specification	Remark
Operating temperature Range	0°C to +60°C	

5. 9Pin D-sub Pin Description

Pin No	Description	Pin No	Description	Remark
1	High Temp.	6	NC	All Normal Condition: Low All Alarm Condition : High
2	NC	7	NC	
3	Over PWR	8	GND	
4	NC	9	Enable /Disable	Enable: Low Disable : High or Open
5	VSWR			

6. Mechanical Specifications

Parameter	Specification	Remark
Dimensions (L x W x H)	482.6 x 177.8 x 560 mm	
RF Connectors	RF in & out, N-type female Monitoring & Standby input, BNC female	In/Out Ports
Alarm Connectors	D-sub, 9 Pins	
AC Power Connectors	AC inlet, high current instrumentation socket	
Connector position	Rear panel	
Finish	Black Epoxy Coating	



7. 3D Out Drawing

