

Rack Mountable System Amplifier

Product Name : RCA2560U47, Code Name :

Doc. Name : Preliminary Short Spec.

<p>Preliminary Short Specification for RCA2560U47</p>

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Created	Printed	Document Number	Revision	Manufacturer
2015/1/13	2015/1/13		B	RFcore co.,Ltd
File : RCA2560U47_Short Spec.docx				

The Specifications is subject to change before finalization

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ELECTRICAL SPECIFICATIONS

Parameter	Specification	Remark
Frequency Range	2500 ~ 6000MHz	
Saturated Output Power	40 Watts min. 50 Watts typ.	
Input Power for Rated Output Power	0 dBm max.	
Maximum Input Power for Survival	5dBm	
Small Signal Gain	55dB typ.	Input Power = -30dBm
Large Signal Gain	45dB typ.	
Gain Flatness	Peak to peak 6dB max.	Input Power = 0dBm
Input VSWR	2 : 1 max.	
Maximum Load VSWR for amplifier survival	Infinite	Built-in Isolator
Primary Supply Voltage	240VAC±10%, 47-60Hz, Single Phase	
Power Consumption	300 Watts typical	400Watts max.
RF Input Signal Format	CW	
Input / Output Impedance	50 Ohms nominal	

ENVIRONMENTAL SPECIFICATIONS

Parameter	Specification	Remark
Operating Ambient Temperature	0 ~ 50 °C	
Storage Temperature	-40 ~ 85 °C	

MECHANICAL SPECIFICATIONS

Parameter	Specification	Remark
Dimension	19" x 5.25" x 20"	
Weight	Less than 48 lb (22 kg)	
RF Input / Output Connector	N – Female	
AC Input Connector	IP-0622-H2	
RS – 232	D – Sub 9 Pin Female	
JTAG Connector	D – Sub 25 Pin Female	Do not used
Ethernet Connector	RJ – 45	
Cooling	Built – In Forced – Air System	

SELF PROTECTIONS

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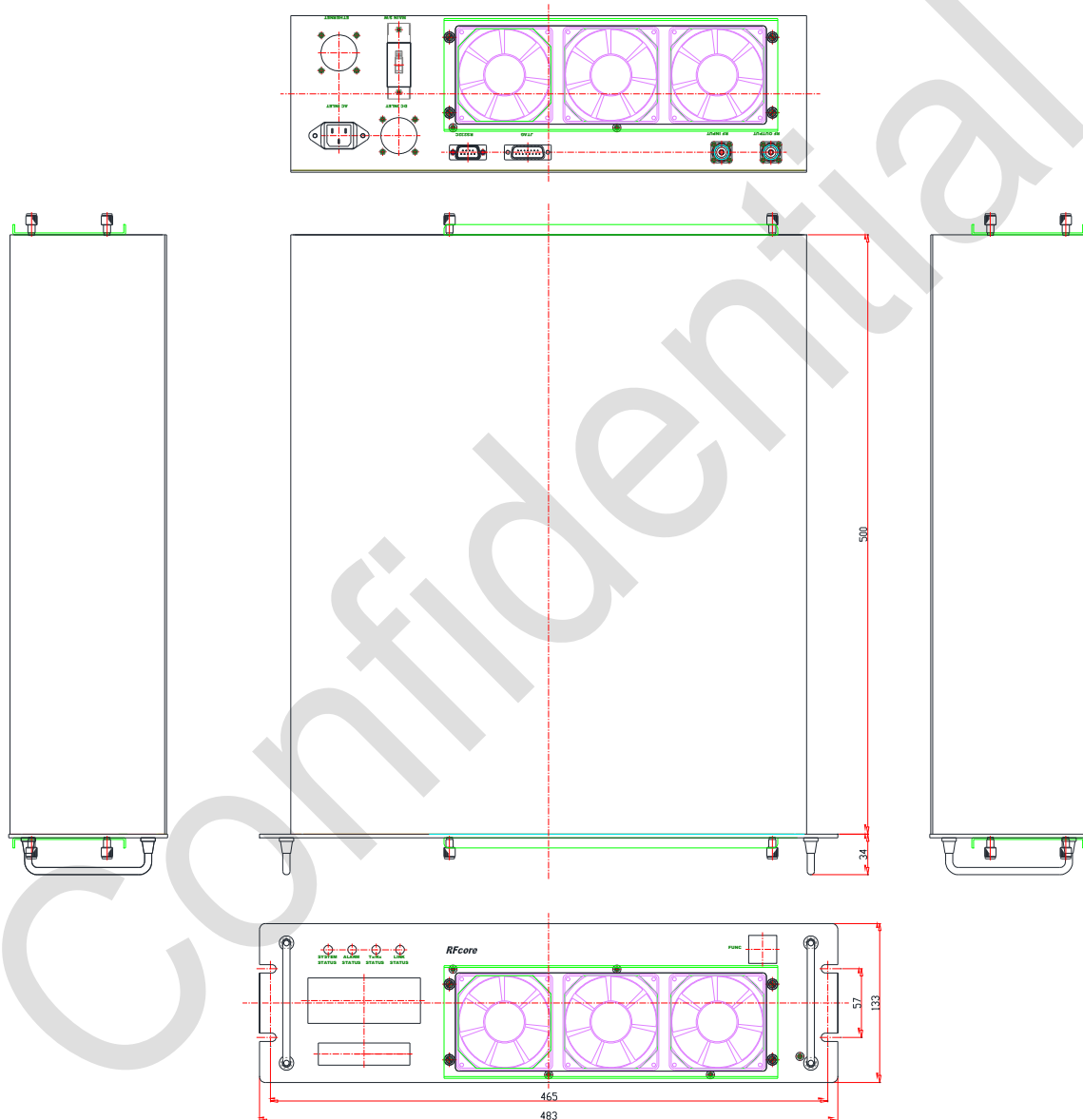
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Parameter	Specification	Remark
Over Power Alarm	50 dBm \pm 2 dB shutdown	Factory Reset
Over Temp Alarm	85 °C \pm 5 °C	Factory Reset

MECHANICAL DRAWING



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