

Rack Mountable System Amplifier

Product Name : RCA0510U51

Doc. Name : General Spec.

<p style="text-align: center;">General Specification for RCA0510U51</p>

1

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Created	Printed	Document Number	Revision	Manufacturer
2009/9/21	2010/10/1		A	<i>RFcore co.,Ltd</i>
File : RCA0510U51 General Spec.docx				

The Specifications is subject to change before finalization

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Confidential

Rack Mountable System Amplifier

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ENVIRONMENTAL SPECIFICATIONS

Parameter	Specification	Remark
Operating Ambient Temperature	0 ~ 50 °C	
Storage Temperature	-40 ~ 85 °C	
Relative Humidity w/o Condensing	MIL – STD – 810F 507.4	
Altitude	Up to 3000 m above sea level	
Vibration	MIL – STD – 810F 514.5	
Shock	MIL – STD – 810F 516.5	

MECHANICAL SPECIFICATIONS

Parameter	Specification	Remark
Dimension	19" x 5.25" x 20"	
Weight	Less than 20 Kg	
RF Input / Output Connector	N – Female	
DC Input Connector	ADG02A 20-19P	Box mount receptacle
RS – 232 / JTAG Connector	D – Sub 9 Pin Male	
Ethernet Connector	RJ – 45	
Cooling	Built – In Forced – Air System	

SELF PROTECTIONS

Parameter	Specification	Remark
Input Overdrive	Pin_max = H dBm, H = (Gain adjustment attenuation value) dBm, H cannot exceed 10 Ex) 0 dBm @ 0 dB attenuation 5 dBm @ 5 dB attenuation 10 dBm @ 10 dB attenuation 10 dBm @ 15 dB attenuation	In case exceeding this limit amplifier back off gain automatically by about 15dB, Factory Reset
Over Power Alarm	54 dBm ± 0.5 dB shutdown	Factory Reset
Over Temp Alarm	85 °C ± 5 °C shutdown	Factory Reset
VSWR Alarm	Load VSWR over 3.5 : 1	Factory Reset

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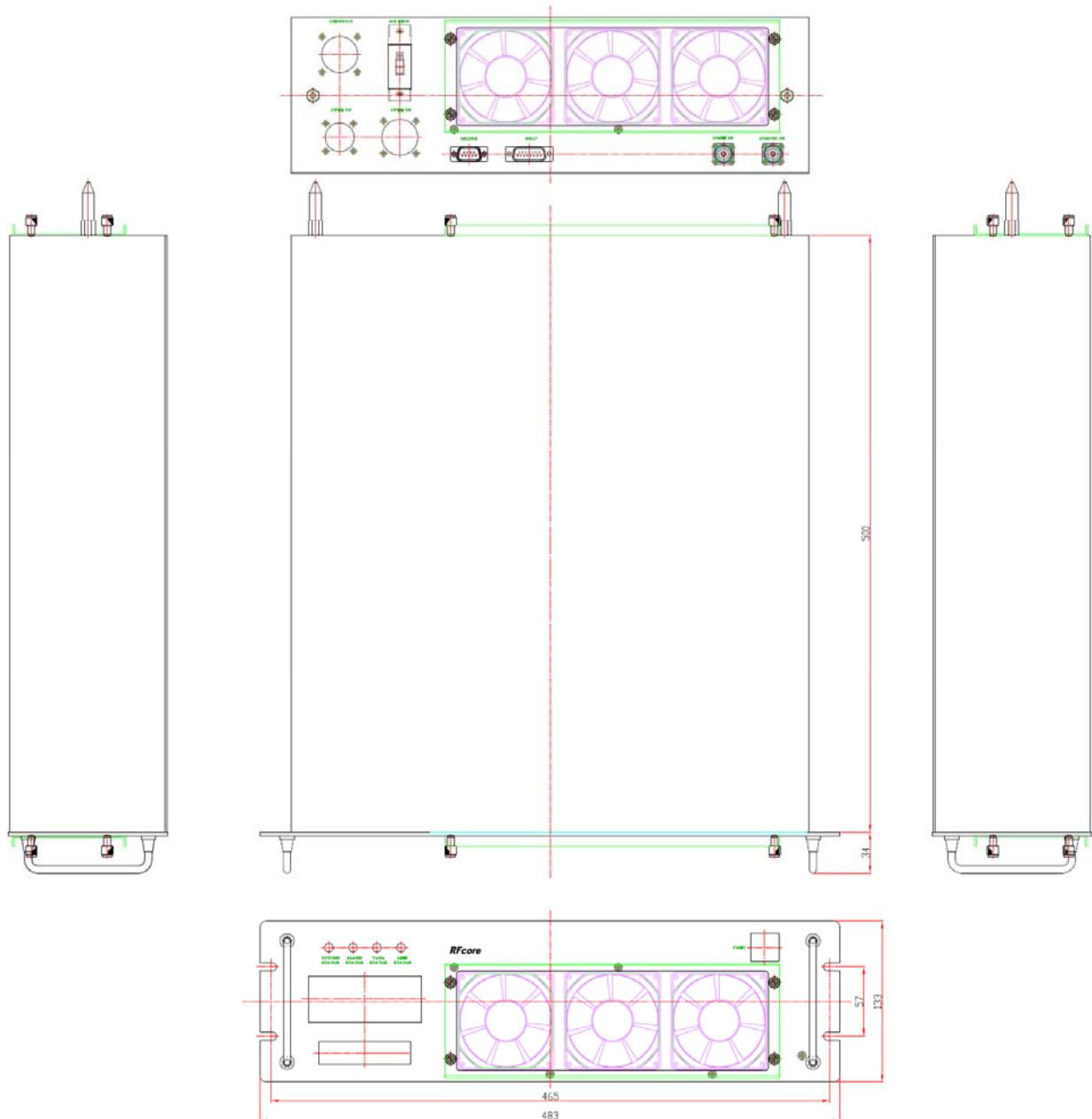
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MECHANICAL DRAWING



4

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