泰莱微波
Talent Microwave

Suzhou Talent Microwave,Inc
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Model:TLPA2G6G-54-53-BC

Solid State High Power Amplifier Systems 2-6GHz,Gain:54dB,Psat:53dBm,220V AC

Feature:

- Wide Band: 2-6GHz
- Gain: 54dB Typ
- Psat Output Power:53dBm Min
- Protection:Over TEM,over voltage, over current ,over VSWR protection.
- 50 Ohm Matched Input / Output

Electrical Specifications:

Parameter	Symbo	Min	Typ	Max	Units
Frequency range	BW	2-6			GHz
Power Gain	GP	53			dB
Gain flatness	ΔGL		±3		dB
Output Psat	Psat	53	54		dBm
Spurious@Pout=53dBm	Spur			-60	dBc
Harmonics@Pout=53dBm	HAM			-10	dBc
Input VSWR	VSWRin			2.0	:1
AC Voltage	Vac		220		V AC
Power Consumption	Pdiss	2000@Max			W
Impedance	I/O-IMP	50			Ohms

Mechanical Specifications:

Parameter	Value	Units
Input /Output Connector	N Female/N Female	
Forward/Reverse Coupling	SMA Female/ SMA Female	
Communication Connector	DB9/RJ45	
Front Panel LCD Screen Display	7 inch LCD Screen Display	
Size	19 Inch 5U*550	mm
Weight	≤40	Kg

Absolute Maximum Ratings:

Parameter	Value
RF Input Power	5 dBm
ESD sensitivity (HBm)	Class 0, passed 150V

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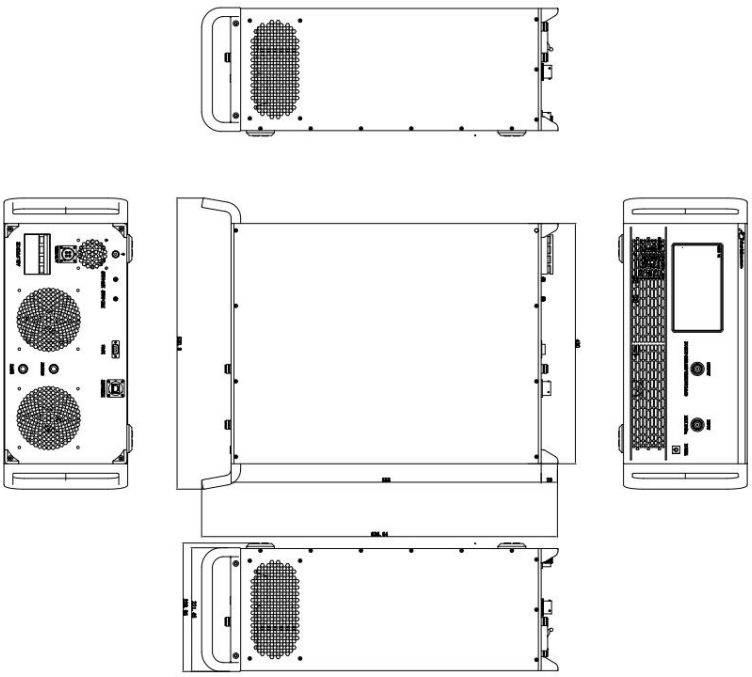
Outline Drawing:

Unit: mm



Kye Features:

Parameter	Advantages
Control functions	1, Power setting On/Off 2,ALC automatic level control
Protection functions	1,Over TEM 2,Over voltage 3,Over current protection 4,Over VSWR
Remote control	RS422/Ethernet
Cooling system	Built in Cooling system,forced air cooling

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Environmental Conditions:

Parameter	Min	Typ	Max	Units
Operating Temperature*	-20		+40	℃
Non-operating Temperature*	-30		+50	℃
Relative humidity		95		%
Altitude	10000			feet
Shock / Vibration(MIL-STD- 810F)	25g rms (15 degree 2KHz) endurance, 1 hour per axis			
Shock(non operating)	20G for 11msc half sin wave,3 axis both directions			

*Note: For a wider temperature range, please consult the manufacturer.

Ordering Information:

Part Number	Description	Revision
TLPA2G6G-54-53-BC	Solid State High Power Amplifier Systems 2-6GHz,Gain:54dB,Psat:53 dBm,220V AC,Built in Fan Cooling	Rev.1.0