

FEATURES

- Wide Bandwidth
- Low Power Consumption
- Low Noise Figure
- Miniature Sizes, Field Removable connector
- Compact/Rugged Thin-Film Construction

APPLICATIONS

- Microwave Radio & VSAT
- Military & Space
- Test Instrumentation
- Fiber Optics



*3D Model

ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	2		18	GHz
Gain	46			dB
Gain Flatness		±3		dB
Input RF Power Range	-10		0	dBm
Output Power(Psat)	100			Watt
Input RF Test Coupling		-20		dBc
Input RF Coupling Accuracy		±4		dB
Output RF Test Coupling		-40		dBc
Output RF Coupling Accuracy		±4		dB
Spurious			-55	dBc
Harmonic		-10		dBc
Input VSWR		2:1		Ratio
Input voltage		220V/50Hz		Volt
Efficiency	10	15		%

Note:LCD display:Input Power,Output Power,REV Power,Temperature,VSWR,Voltage,Current .

Note:1.Air forced cool.

2.with input and output test coupling output .

3.Output Open Protection、 Output short Protection、 Over Voltage Protection、 Over Current Protection , and Output Monitor Alarm.

4.Output VSWR Protection Output

5.monitor SSPA Input power、 Output Power、 Reflection power.

6.with SSPA module work Voltage ,current ,temperature monitor function .

7.Local and remote monitoring interface: RS485、 LAN.

8.with heat sink wind pressure monitor and output alarm.

9.Control and monitoring interface:RS485、 LAN.

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input power				dBm
Operating Temperature	0		+50	°C
Non-operating Temperature	-20		+70	°C
Relative humidity (non-condensing)		90		%
Altitude		TBD		feet
Shock / Vibration		TBD		

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	19' 4U D:500mm	Max	Millimeter
Weight	15	Max	Kg
RF Connectors Input	SMA-F		
RF Connectors output	N-F		
Test Coupling Connectors Input	SMA-F		
Test Coupling Connectors Output	SMA-F		
Impedance			ohms

OUTLINE DRAWING(mm):

