

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



ELECTRICAL SPECIFICATIONS@25°C:

Parameter	Min	Typical	Max	Units
Frequency Range	26.5		40	GHz
Power Gain	50		65	dB
Gain Flatness				dB
Output Power (CW)	100			Watt
Spurious			-60	dBc
Harmonics			-10	dBc
VSWR Input		2:1		Ratio
Input Voltage	220V/50Hz			
Human-computer Interface	LCD display information:Voltage,Current,Gain,FWD Power			
Program Control Interface	RS422 and Ethernet			

Note:1.Input Power:0dBm

2.Output Power Range: 30 dB (20 dB@Psat output), step 1 dB;

3.Forward power: > 40dB (with 40dB directional coupler)

4.Over Voltage Protection; Over Current Protection;Over REV VSWR Protection;Enable;Modulation.

5.Detection Function:FWD/REV Power;Coupling.

6.Power consumption:1.5KW(Max)

7.Forced air cooling.

ENVIRONMENTAL RATINGS:

Parameter	Min	Typical	Max	Units
Max Input power			10	dBm
Operating Temperature	-20		+50	°C
Non-operating Temperature	-45		+65	°C
Relative humidity (non-condensing)	2		98	%
Altitude		/		feet
Shock / Vibration		/		

MECHANICAL SPECIFICATIONS:

Parameter	Value	Limits	Units
Dimensions	19" 6U		Milimeter
Weight	50		Kg
RF Connectors Input	2.92mm-F		
RF Connectors output	BJ320		
Forward power Connectors	2.92-F		
External Modulation Connectors	SMA		
Control Connectors	RJ45		
Impedance			ohms

OUTLINE DRAWING(mm):

