

**8~12GHz, 50W, Solid State Power Amplifier**
**FEATURES**

- **Instantaneous ultra broadband**
- **Built-in protection circuits**
- **High reliability and ruggedness**
- **Compact size and light weight**

**ELECTRICAL SPECIFICATIONS**

Parameter	Min	Typ	Max	Unit
Frequency Range	8		12	GHz
Psat	50			W
Gain	47			dB
Gain Flatness			±4	dB
Harmonics		-20		dBc
Spurious		-60		dBc
VSWR			2:1	-
Input Power			+10	dBm
DC Voltage	26	28	30	V

**ENVIRONMENTAL SPECIFICATIONS**

Parameter	Min	Typ	Max	Unit
Operating Temp.	-20		+60	°C
Storage Temp.	-40		+85	°C

**MECHANICAL SPECIFICATIONS**

Parameter	Value	Unit
Dimensions	160×120×30	mm
Weight	1.0	Kg
RF I/O Connectors	SMA female	-
Interface Connector	9-Pin D-Sub	-
Cooling	External Heatsink	-