

**0.8~3.0GHz, 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	0.8		3.0	GHz
Psat	50			W
Gain	47			dB
Gain Flatness			±2	dB
Harmonics			-20	dBc
Spurious			-60	dBc
VSWR			2:1	-
Input Power		0	3	dBm
DC Voltage		28		V

**ENVIRONMENTAL SPECIFICATIONS**

Parameter	Min	Typ	Max	Unit
Operating Temp.	-20		+75	°C
Storage Temp.	-45		+85	°C

**MECHANICAL SPECIFICATIONS**

Parameter	Value	Unit
Dimensions	170×90×27	mm
Weight	0.8	Kg
RF I/O Connectors	SMA-F	-
Interface Connector	9-Pin D-Sub	-
Cooling	External Heatsink	-