

2~6GHz, 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	2		6	GHz
Psat	50			W
Gain	47			dB
Gain Flatness			±3.5	dB
Harmonics	-10			dBc
Spurious	-60			dBc
VSWR			2:1	-
Input Power			5	dBm
DC Voltage		28		V

ENVIRONMENTAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Operating Temp.	-20		+60	°C
Storage Temp.	-20		+75	°C

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit
Dimensions	150×63×25	mm
Weight	0.8	Kg
RF I/O Connectors	SMA-F/N-F	-
Interface Connector	M4 Feedthru Capacitor	-
Cooling	External Heatsink	-