

12~18GHz, 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	12		18	GHz
Psat	50			W
Gain	47			dB
Gain Flatness			±4	dB
Harmonics		-20		dBc
Spurious		-60		dBc
VSWR			2:1	-
Input Power			+3	dBm
DC Voltage		32		V

ENVIRONMENTAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Operating Temp.	-20		+50	°C
Storage Temp.	-40		+85	°C

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit
Dimensions	200×180×30	mm
Weight	5.5	Kg
RF I/O Connectors	SMA-F	-
Interface Connector	7-Pin Hybrid D-Sub	-
Cooling	External Heatsink	-