

9~10GHz, 20W, 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	9		10	GHz
Psat	20			W
Gain	43			dB
Gain Flatness			±3	dB
Harmonics		-20		dBc
Spurious		-60		dBc
VSWR			2:1	-
Input Power			+3	dBm
DC Voltage		28		V

ENVIRONMENTAL SPECIFICATIONS

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

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit
Dimensions	160×100×27	mm
Weight	1.0	Kg
RF I/O Connectors	SMA-F/ N-F	-
Interface Connector	9-Pin D-Sub	-
Cooling	External Heatsink	-