

8~12GHz, 25W, 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	25			W
Gain	45			dB
Gain Flatness			±3	dB
Harmonics		-20		dBc
Spurious		-60		dBc
VSWR			2:1	-
Input Power			+3	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	140×130×27	mm
Weight	1.0	Kg
RF I/O Connectors	SMA female	-
Interface Connector	9-Pin D-Sub	-
Cooling	External Heatsink	-