

1~50MHz, 100W, Solid State Power Amplifier
FEATURES

- **Small and lightweight**
- **Built in protection circuits**
- **Ultra-wideband**
- **High reliability and ruggedness**

ELECTRICAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Frequency Range	1		50	MHz
Psat	100			W
Gain	45			dB
Gain Flatness		±2.5		dB
Harmonics		-20		dBc
Spurious		-60		dBc
VSWR			2:1	-
Input Power		0		dBm
DC Voltage	26	28	30	V

ENVIRONMENTAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Operating Temp.	-10		+50	°C
Storage Temp.	-30		+70	°C

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit
Dimensions	160×96×27	mm
Weight	1.5	kg
RF I/O Connectors	SMA-F	-
Cooling	External Heatsink	-