

0.5~6GHz, 40W, 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	0.5		6	GHz
Psat	40			W
Gain		53		dB
Gain Flatness			±3	dB
Harmonics	-10	-15		dBc
Spurious	-55	-60		dBc
VSWR			2:1	-
Input Power			10	dBm
DC Voltage	26	28	30	V

ENVIRONMENTAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Operating Temp.	-40		+55	°C
Storage Temp.	-40		+85	°C

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit
Dimensions	160×110×30	mm
Weight	2.0	Kg
RF I/O Connectors	SMA-F/N-F	-
Interface Connector	15-Pin Male D-Sub	-
Cooling	External Heatsink	-