

10~1000MHz, 50W, Solid State Power Amplifier
FEATURES

- **Instantaneous ultra broadband**
- **Built in protection circuits**
- **Compact size and lightweight**
- **High reliability and ruggedness**

ELECTRICAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Frequency Range	10		1000	MHz
Psat	50			W
Gain	47			dB
Gain Flatness			±3	dB
Harmonics			-15	dBc
Spurious			-60	dBc
VSWR			1.5:1	-
Input Power		0		dBm
DC Voltage		50		V

ENVIRONMENTAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Operating Temp.	-20		+60	°C
Storage Temp.	-30		+70	°C

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit
Dimensions	160×75×27	mm
Weight	1	kg
RF I/O Connectors	SMA-F/N-F	-
Interface Connector	D-Sub 9-Pin	-
Cooling	External Heatsink	-