

**20~1000MHz, 100W, 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	20		1000	MHz
Psat	100			W
Gain	53			dB
Gain Flatness			±2.5	dB
Harmonics		-20		dBc
Spurious			-60	dBc
VSWR			2:1	-
Input Power		0	3	dBm
DC Voltage		28		V

**ENVIRONMENTAL SPECIFICATIONS**

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

**MECHANICAL SPECIFICATIONS**

Parameter	Value	Unit
Dimensions	175×83×27	mm
Weight	1.2	kg
RF I/O Connectors	SMA-F	-
Interface Connector	D-Sub 17-Pin	-
Cooling	External Heatsink	-