

**80~1000MHz, 500W, 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	80		1000	MHz
Psat	500			W
Gain	60			dB
Gain Flatness			±3	dB
Harmonics		-20		dBc
Spurious			-60	dBc
VSWR			2:1	-
Input Power		0		dBm
DC Voltage	180		260	V

**ENVIRONMENTAL SPECIFICATIONS**

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

**MECHANICAL SPECIFICATIONS**

Parameter	Value	Unit
Dimensions	19" Rack, 3U Height	mm
Weight	32	kg
RF I/O Connectors	SMA-F/N-F	-
Interface Connector	D-Sub 9-Pin	-
Cooling	External Heatsink	-