

100~500MHz, 500W, Solid State Power Amplifier
FEATURES

- **Instantaneous ultra broadband**
- **Built in protection circuits**
- **Remote flexible interfaces**
- **High reliability and ruggedness**

ELECTRICAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Frequency Range	100		500	MHz
Psat	500			W
Gain	57			dB
Gain Flatness			±3	dB
Harmonics		-20		dBc
Spurious			-60	dBc
VSWR			2:1	-
Input Power		0	3	dBm
Supply Voltage	180		260	V

ENVIRONMENTAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Operating Temp.	-10		+50	°C
Storage Temp.	-30		+85	°C

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit
Dimensions	19" Rack, 4U Height	-
Weight	35	kg
RF I/O Connectors	N-F	-
RF Sample	SMA-F	-
Cooling	Forced-Air cooling	-