

20~1000MHz, 80W, 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	80			W
Gain	48			dB
Gain Flatness			±1.5	dB
Harmonics		-20		dBc
Spurious			-60	dBc
VSWR			1.5:1	-
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	600	g
RF I/O Connectors	SMA-F	-
Interface Connector	D-Sub 9-Pin	-
Cooling	External Heatsink	-