

1~18GHz, 5W, Solid State Power Amplifier
FEATURES

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

ELECTRICAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Frequency Range	1		18	GHz
Psat	5			W
Gain	37			dB
Gain Flatness			±4	dB
Harmonics		-20		dBc
Spurious			-60	dBc
VSWR			2:1	-
Input Power			10	dBm
DC Voltage		32		V

ENVIRONMENTAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Operating Temp.	-20		+65	°C
Storage Temp.	-40		+85	°C

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit
Dimensions	120×90×25	mm
Weight	0.3	Kg
RF I/O Connectors	SMA female	-
Interface Connector	9-Pin D-Sub	-
Cooling	External Heatsink	-