

6~18GHz, 50W, 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	6		18	GHz
Psat	50			W
Gain	50			dB
Gain Flatness			±5	dB
Harmonics			-15	dBc
Spurious			-55	dBc
VSWR			2.5:1	-
Input Power		0		dBm
DC Voltage		28		V
Power Consumption			600	W

ENVIRONMENTAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Operating Temp.	-40		+50	°C
Storage Temp.	-40		+85	°C

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit
Dimensions	200×120×23	mm
Weight	1.5 Max	Kg
RF I/O Connectors	SMA female/ N-K	-
Interface Connector	17-Pin D-Sub	-
Cooling	External Heatsink	-

CONTROL CONNECTOR

Pin#	Description
A1	28V
A2	28V GND
1~3	N/C
4	Temp. Monitor
5	Current Monitor
6	Summary Fault Monitor
7	TTL 5V High Level ON
8	GND
9~15	N/C

OUTLINE DRAWING
