

29~31GHz, 40W, 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	29		31	GHz
Psat	40			W
Gain		43		dB
Gain Flatness		±2		dB
Harmonics			-20	dBc
Spurious			-60	dBc
VSWR			2:1	-
Input Power			+8	dBm
DC Voltage		24		V

ENVIRONMENTAL SPECIFICATIONS

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

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit
Dimensions	300×280×30	mm
Weight	3.0	Kg
RF I/O Connectors	K female/WR28	-
Interface Connector	15-Pin Female D-Sub	-
Cooling	External Heatsink	-