

29~31GHz, 20W, 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	20			W
Gain		40		dB
Gain Flatness		±2		dB
Harmonics		-15		dBc
Spurious		-60		dBc
VSWR			2:1	-
Input Power			+3	dBm
DC Voltage		28		V

ENVIRONMENTAL SPECIFICATIONS

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

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit
Dimensions	120×80×30	mm
Weight	2.0	Kg
RF I/O Connectors	2.92mm female	-
Interface Connector	15-Pin Female D-Sub	-
Cooling	External Heatsink	-