

**47~52GHz, 10W, 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	47		52	GHz
Psat	10			W
Gain	45			dB
Gain Flatness			±2	dB
Harmonics		-15		dBc
Spurious			-60	dBc
VSWR			2:1	-
Input Power			+10	dBm
DC Voltage		24		V

**ENVIRONMENTAL SPECIFICATIONS**

Parameter	Min	Typ	Max	Unit
Operating Temp.	-40		+55	°C
Storage Temp.	-50		+70	°C

**MECHANICAL SPECIFICATIONS**

Parameter	Value	Unit
Dimensions	200×100×27	mm
Weight	1.5	Kg
RF I/O Connectors	2.4mm female	-
Interface Connector	15-Pin Male D-Sub	-
Cooling	External Heatsink	-