

43~46GHz, 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	43		46	GHz
Psat	10			W
Gain	40			dB
Gain Flatness			±2	dB
Harmonics		-15		dBc
Spurious			-60	dBc
VSWR			2:1	-
Input Power			+10	dBm
DC Voltage	26	28	30	V

ENVIRONMENTAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Operating Temp.	-40		+60	°C
Storage Temp.	-50		+85	°C

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit
Dimensions	160×100×30	mm
Weight	2.0	Kg
RF I/O Connectors	2.4mm female	-
Interface Connector	15-Pin Male D-Sub	-
Cooling	External Heatsink	-