

26.5~40GHz, 5W, 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	26.5		40	GHz
Psat	5			W
Gain	50			dB
Gain Flatness		±1.5		dB
Harmonics		-10		dBc
Spurious	-65			dBc
VSWR			2:1	-
Input Power			+3	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	45 × 40 × 20	mm
Weight	0.4	Kg
RF I/O Connectors	SMA 2.92mm female	-
Interface Connector	Feed thru	-
Cooling	External Heatsink	-