

9kHz~500MHz, 5W, Solid State Power Amplifier
FEATURES

- **High efficiency**
- **High output power**
- **Ultra-wideband**
- **Compact size and light weight**

ELECTRICAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Frequency Range	0.009		500	MHz
Psat	5			W
Gain	38			dB
Gain Flatness		±2		dB
Harmonics		-20		dBc
Spurious		-65		dBc
VSWR			2.5:1	-
Input Power		0		dBm
DC Voltage	26	28	30	V

ENVIRONMENTAL SPECIFICATIONS

Parameter	Min	Typ	Max	Unit
Operating Temp.	0		+70	°C
Storage Temp.	-20		+85	°C

MECHANICAL SPECIFICATIONS

Parameter	Value	Unit
Dimensions	90×50×20	mm
Weight	900	g
RF I/O Connectors	SMA-F	-
Cooling	External Heatsink	