

Power Amplifier Datasheet

PN:PA5120-5260MHz-100W

- Small size, Low power consumption, good stability;
- High linearity and Intermodulation;
- Shape structure can be customized
- Products can be developed according specification;
- Widely used in Radar, Navigation, Communication, EMC test and other Civil fields.



Technical Data

Parameters	
Frequency	5120MHz~5160MHz
Max output Power (CW)	$\geq 50 \pm 0.25$ dBm
Gain	≥ 50 dB (customized)
Gain flatness	$\leq 1 \pm 0.5$ dB
Temperature protection	>Over 80°C protection
PTT port	The amplifier is turned on by default.
VCC/Current reference	28V/12A
Working voltage	+28V~ +32V
Working current	≤ 9 -10A
Spurious	≤ -65 dBc
100W Harmonic	harmonics Worst point ≤ -24 dBc
Operating Temperature	-30°C~+55°C
RF Connector	SMA-JW
Power Supply Interface	DB7w2-7
Dimensions(mm)/Weight	$\leq 199.3 \times 86 \times 26.3$ mm (without connectors), ≤ 700 g
Installation method	Radiator shall be installed for power amplifier test
Package	1pcs/box

Outline Drawing

