

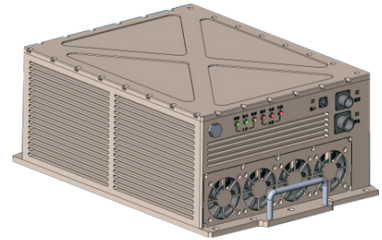
## ◆ Ka Band 200W 连续波发射机

### Ka Band 200W CW Transmitter

This Ka-Band CW transmitter has good performance, high power and high efficiency output. It can provide 200W output power within the bandwidth  $F0 \pm 800\text{MHz}$ , widely used in microwave TR field.

### Advantages

- 1 Outdoor type.
- 2 Excellent rain proof,dust proof.
- 3 Used for channel transmission of ground, vehicles platform and etc.



Specifications	Required Specifications
Frequency	$f0 \pm 800\text{MHz}$
Working Type	CW
Working Temperature	$-40^{\circ}\text{C} \sim +60^{\circ}\text{C}$
P1dB Power	$\geq 200\text{W}$
Small Signal Gain	$\geq 60\text{dB}$
Gain Flatness	$\leq \pm 2\text{dB}$
Gain Modulation	20dB, Stepping 1.0dB
Im3	$\leq -20\text{dBc}(\text{P1dB Back } 3\text{dB})$
Power Stability	$\leq \pm 0.4\text{dB/d}$
Spurious LEVEL	$\leq -60\text{dBc}$
Phase Noise Deterioration	$\leq 2\text{dBc}$
VSWR	$\leq 1.5$
Monitor interfaces	RS-422
Monitor Alert and Protection Function	Power amplifier has over voltage, over current, over reflection, over temperature alert function and self-protection function
Cooling Method	Air Cooling/Liquid Cooling
Power Supply	AC +220V
Rated Consumption	$\leq 1.8\text{kVA}$
Dimension	$\leq 560 \times 450 \times 220 \text{ (mm)}$
Weight	$\leq 48\text{Kg}$
RF Interfaces	K-F/WR28