

◆ Ku波段连续波发射机

Ku Band 80W CW Transmitter

This Ku band pulse transmitter has excellent performance, high reliability. It can provide 80W output power within the bandwidth 13.75GHz to 14.5GHz.

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	13.75~14.5GHz
Working Type	CW
Working Temperature	-45°C~+60°C
P1dB Power	≥80W
Small Signal Gain	≥60dB
Gain Flatness	≤±1.5dB
Gain Modulation	20dB, Stepping 1.0dB
AM/PM	≤4°/dB(P1dB Back 3dB)
Im3	≤-25dBc(P1dB Back 7dB)
Power Stability	≤±0.4dB/d
Input Signal	0±2dBm
Spurious LEVEL	≤-60dBc
Harmonic Suppression	≤-60dBc
Noise Power Spectrum Density	≤-70dBW/4KHz (Transmitting) ≤-150dBW/4KHz (Receiving)
Phase Noise Deterioration	≤2dBc
VSWR	≤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
Power Supply	+28V/22A
Dimension	≤250×165×100 (mm)
Weight	≤5Kg
RF Interfaces	K-F/WR62