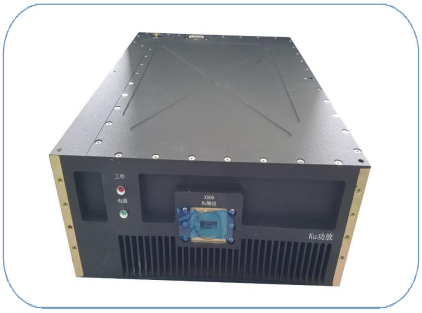
KU-Band 400W Continuous Wave Solid-state Power Amplifier
For Satellite Communication



Working Frequency	Ku-band（500MHz bandwidth）
1dB compression point output power	≥400W（56dBm）
Linear Gain	≥50dB
Gain Flatness	≤±1dB
Input / Output VSWR	≤1.5:1
Harmonic Suppression	≤-40dBc
Spurious Suppression	≤-60dBc
IMD-3	≤-25dBc@ 3dB total back-off from rated P1dB
AM to PM Conversion	≤4°/dB@P-1dB
Power Supply Voltage	220VAC or 28VDC
Power Consumption	≤2.5KW
Cooling Method	Air Cooling
RF Input Interface	SMA-K
RF Output Interface	BJ140
Operating Temperature	-40℃～+70℃
Storage Temperature	-55℃～+85℃
Vibration and Shock	Ground, Vehicle, Ship

www.probecom.cn

Shaanxi Probecom Microwave Technology Co.,Ltd
Add:：20Th Floor,Building C,Jin Qiao International Plaza,50＃Keji Road,Hi-Tech Development Zone, Xi’An
Tel：0086-29-83115011/83115022 Fax:0086-29-83115033 E-Mail:sales@probecom.cn