

AMT-SPA-107127-200M

Technique Specifications

Electrical Specifications	
Frequency Range	10.7GHz-12.7GHz
Output Power (Psat)	≥53dBm/200W
Gain	≥55dB @ (Psat)
Gain Adjust Range	≥20dB, 0.1dB step
Gain Variation	≤±2.5dB (Full band) /±0.75dB (100MHz)
Gain stability	≤±0.25dB/24h at constant temperature & drive level
Spurious	≤-60dBc
Harmonic	≤-20dBc (Options: filter,60dBc)
VSWR	Input VSWR≤1.5:1; Output VSWR≤1.5:1
Power	
Input Voltage	220 (±10%) V AC, 47~53Hz
Power consumption	≤2300W
Communication & Control	
RS422 or Ethernet or RS232	
Function	
Control	RF on/off, ALC on/off, Attenuation setting (ALC off), Output power setting(ALC on), IP setting(LAN),etc.
Status reporting	Output power, Reflect power, Attenuation value, Module temperature, Module current, etc.
Automatic protection	Overheating protection, Over current protection, Over reflection protection, etc.
Mechanical Specification	
RF input	SMA-Female
RF output	WR75(FBP120)
Power Supply	Circle 4pin
Control	Y50X-0810
Weight	≤30Kg
Dimensions	TBD
Cooling	Forced air cooling
Environmental Specification	
Operating temperature	-40°C+55°C
Storage temperature	-50°C+65°C
Humidity	100%
Storage(Humidity+temperature)	Humidity 100% + temperature 35 °C