

**P/N: AMT-SPA-400450-2****Technique Specification**

Electrical Specifications	
Frequency Range	40-45 GHz
Output Power	$\geq 34\text{dBm(CW)}$
Power Gain	$\geq 24\text{dB}$
Small Gain	$\geq 30\text{dB}$
Adjustment gain range	20 dB in 0.5 dB step
Spurious	$\leq -60\text{dBc}$
Input VSWR	≤ 1.5
Operating Voltage	+18VDC ($\pm 1\text{V}$)
Dimensions	146mm $\times$ 100mm $\times$ 36mm (TBD)
Weight	$\leq 2\text{Kg}$ (TBD)
Cooling	Forced air
Operating Ambient Temperature	-40°C $\sim$ +55°C
Storage temperature	-40°C $\sim$ +65°C
Mechanical Specifications	
RF Connectors Input	2.4-F
RF Connectors Output	BJ500
M&C	J30J
Control	
Status Reporting	Temperature; Voltage; Current; Attenuation value
Control	RF on/off,
Protection	Overvoltage; Overcurrent; Overheating;