



**P/N: AMT-SPA-2060-200M\_v2**

**Features**

- Broadband continuous wave solid-state power amplifier
- Broadband frequency range of 2GHz to 6GHz , with the continuous wave output power of 200W Typ.
- Broadband high-power combining technology; high reliability and high stability
- Comprehensive protection functions

**Technique Specification**

Specification	Symbols	Min.	Typ.	Max.	Unit
Frequency Range	BW	2	/	6	GHz
Saturated Output Power	Psat		53	/	dBm
Power Gain(dB)	Gp	50	/	/	dB
Gain Flatness (saturated constant drive input)	$\Delta Gp$	/	$\pm 2.5$	/	dB
Input Power for P <sub>SAT</sub>	Pin	/	/	0	dBm
RF Input Power Range	PIN_R	/	/	10	dBm
Harmonic	H	/	-15	-10	dBc
Spurious Signals	Spur	/	-65	-60	dBc
Input VSWR	VSWR	/	/	2:1	/
Supply Voltage(DC)	U		DC 28V		V
Supply Current			35		mA
Impedance		/	50	/	$\Omega$
Cooling	External heatsink (not supply)				
Operating Temperature	Tc	-40	/	+55	°C
Storage Temperature	Tstg	-40	/	+85	°C
Relative Humidity				95%	



Specification	Value	Unit	Remarks
Dimensions	260 x 205 x 54 approx.	mm	Customizable per user requirements
Weight	5 Max.	Kgs	
Input RF Connector	SMA-Female	/	
Output RF Connector	N-Female	/	
Data & Power Connector	D-Sub 9W4 Pin	/	
Protection Function	Over-Temperature, Over-Current, Over-Voltage and Over-Reflection		

**Outline(mm)**

